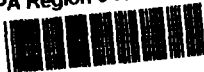




**CONESTOGA-ROVERS
& ASSOCIATES**

EPA Region 5 Records Ctr.



385953

1801 Old Highway 8 Northwest, Suite 114, St. Paul, Minnesota 55112
Telephone: 651-639-0913 Facsimile: 651-639-0923
www.CRAworld.com

December 1, 2009

Reference No. 054633-20

Ms. Steven Faryan
UNITED STATES ENVIRONMENTAL
PROTECTION AGENCY
Region V
Mail Station SE-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3507

Dear Mr. Faryan:

Re: Construction Progress Status Report
20 Jefferson Avenue Site – Elgin, Illinois

This letter and attachments are submitted on behalf of the Jefferson Yard Removal Action Group (Group) as a Progress Report for remedial construction activities at the 20 Jefferson Avenue site (Site) completed through November 30, 2009. This report is submitted pursuant to the Administrative Settlement Agreement and Order on Consent for Removal Action, dated October 14, 2009.

This Construction Progress Status Report was prepared to briefly describe the activities completed to date and does not constitute a detailed Construction Completion Report, which will be provided to the United States Environmental Protection Agency (USEPA) at a later date.

WORK COMPLETED AND NOTED EVENTS

1. Work at the Site commenced on October 20, 2009. Conestoga-Rovers & Associates (CRA) served as the contractor and EQ as CRA's subcontractor for excavation and soil disposal services.
2. The Pre-Construction Meeting was held on October 21, 2009 at the Site. Minutes of this meeting were distributed to the attendees, the City of Elgin, the USEPA, and the Group.
3. A weekly construction progress meeting was held on October 29, 2009. Minutes of this meeting were distributed to the attendees, the City of Elgin, the USEPA, and the Group.
4. Soil stabilization was completed on October 23, 2009.
5. Transportation and off-site disposal of excavated materials began on October 27, 2009.

Equal
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Opportunity Employer

REGISTERED COMPANY FOR
ISO 9001
ENGINEERING DESIGN



**CONESTOGA-ROVERS
& ASSOCIATES**

December 1, 2009

Reference No. 054633-20

- 2 -

6. Two areas of additional excavation (SB11 and JSS9) were completed based upon the confirmatory sampling results indicating that the soils in these areas had not yet achieved the total lead cleanup criteria (400 mg/kg).
7. Based upon review of all confirmatory sampling results, excavation of soils was deemed complete on November 4, 2009.
8. The cleaning of concrete surfaces was completed on November 4, 2009.
9. Decontamination of equipment was completed on November 4, 2009.
10. CRA and EQ partially demobilized from the Site on November 4, 2009.
11. CRA and USEPA conducted a final inspection of the Site on November 5, 2009.

UPCOMING WORK

1. Six 55-gallon drums of concrete cleaning and decontamination water are awaiting waste profiling results and off-site disposal. We expect this work to be completed within the next 2 to 3 weeks.
2. The Construction Completion Report will be submitted to USEPA within 60 days of completion of all work to be performed.

DATA RESULTS AND WASTE VOLUMES

As requested by USEPA, the following information is provided as attachments to this progress report. Final versions of this information will be provided in the Construction Completion Report. The analytical data results are considered final, but the data validation has not been completed.

Attachment A	Figures depicting the excavation areas and confirmatory sampling results
Attachment B	Summary table of confirmatory sampling data
Attachment C	Chain of Custody sheets
Attachment D	Final Laboratory Data Reports
Attachment E	Copies of Waste Manifests
Attachment F	Backfill Certification and Geotechnical Information

The backfill used was provided from a virgin source at an Illinois DOT certified pit. As such, and in accordance with the project specifications, laboratory chemical analysis of the backfill material was waived.



**CONESTOGA-ROVERS
& ASSOCIATES**

December 1, 2009

Reference No. 054633-20

- 3 -

If you have any questions regarding this progress report, please feel free to call.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Steven R. Voss

SRV/ma/5

Encl.

cc: Jefferson Yard Removal Action Group
John Nardozi, Terracon
William Cogley, City of Elgin

FIGURES DEPICTING THE EXCAVATION AREAS AND CONFIRMATORY SAMPLING RESULTS

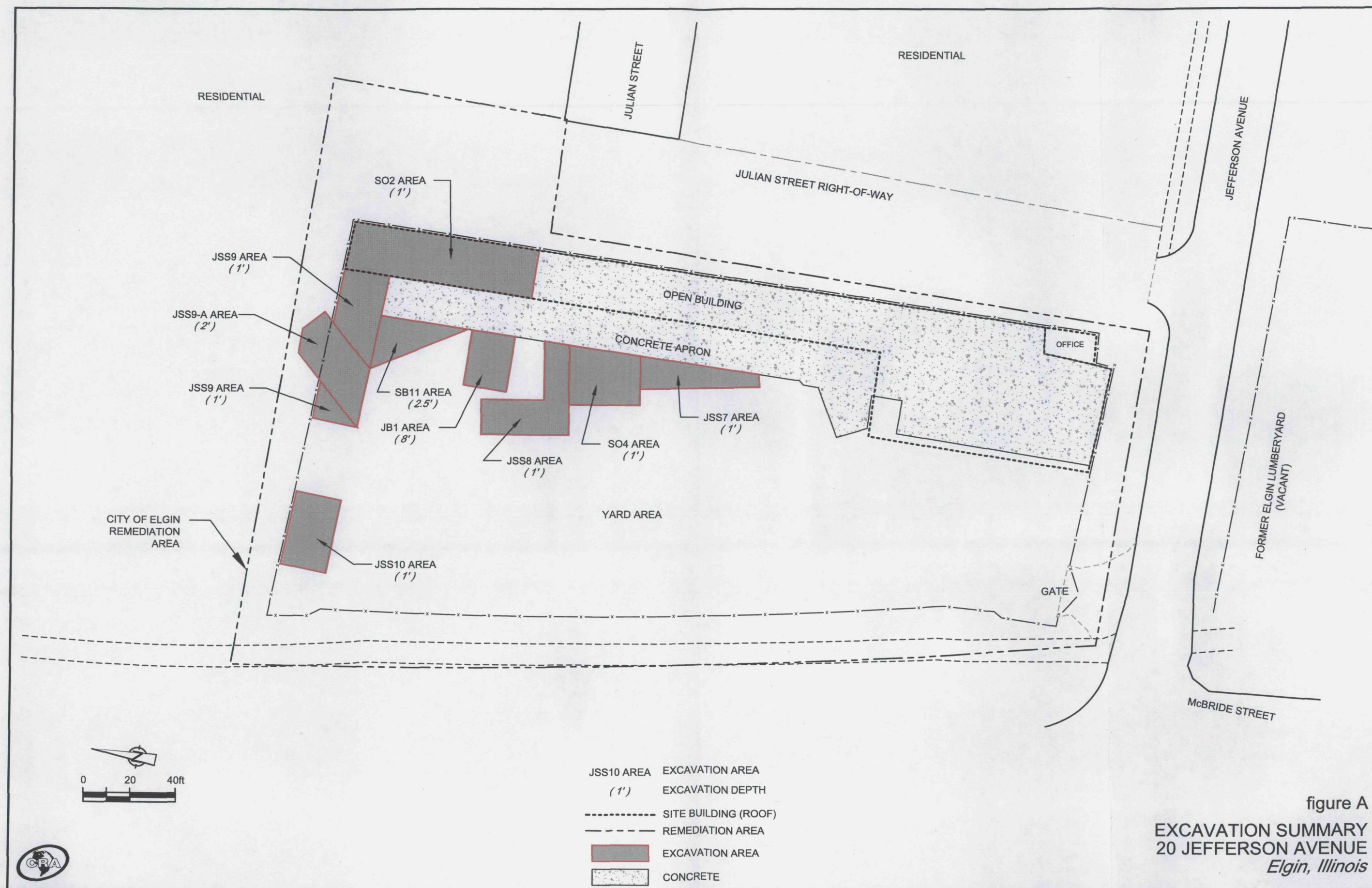


figure A
EXCAVATION SUMMARY
20 JEFFERSON AVENUE
Elgin, Illinois

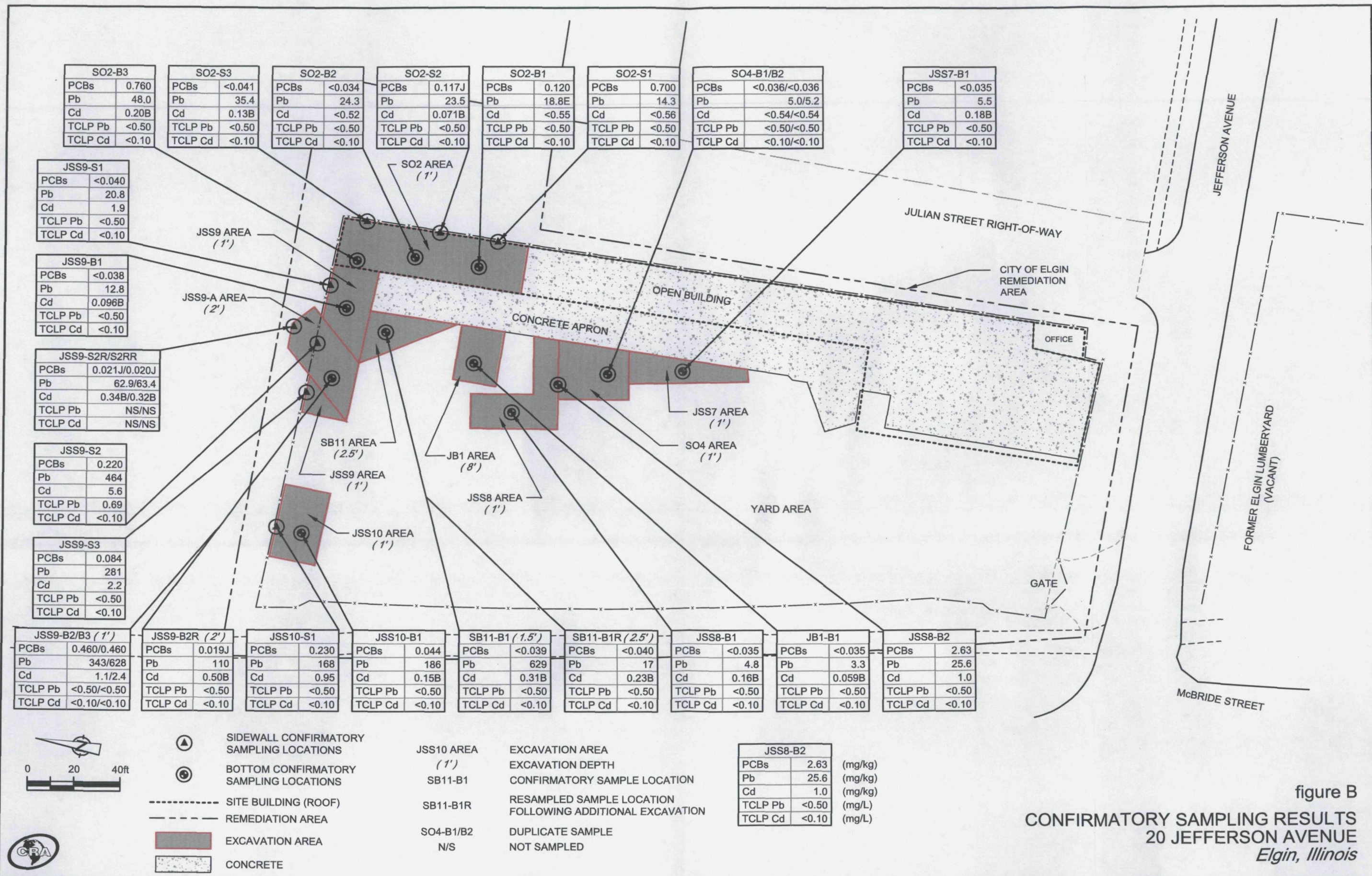


figure B
CONFIRMATORY SAMPLING RESULTS
20 JEFFERSON AVENUE
Elgin, Illinois

ATTACHMENT B

SUMMARY TABLE OF CONFIRMATORY SAMPLING RESULTS

20 JEFFERSON AVENUE REMOVAL ACTION CONFIRMATORY SAMPLING RESULTS SUMMARY

Parameter Criteria	PCBs 10 mg/kg	Total Pb 400 mg/kg	Total Cd 390 mg/kg	TCLP Pb 5 mg/L	TCLP Cd 1 mg/L	TCLP As 5 mg/L	TCLP Ba 100 mg/L	TCLP Cr 5 mg/L	TCLP Hg 0.2 mg/L	TCLP Se 1 mg/L	TCLP Ag 5 mg/L
Sample ID											
TSCA Soil	n/s	n/s	n/s	0.18 B	0.026 B	<0.50	0.74 B	<0.50	<0.0020	<0.25	<0.50
TSCA Stab	n/s	n/s	n/s	0.38 B	0.075 B	<0.50	0.70 B	0.0026 B	<0.0020	0.0052 B	<0.50
Non-TSCA Stab	n/s	n/s	n/s	2.1	0.22	<0.50	0.79 B	<0.50	<0.0020	0.0057 B	<0.50
SB11-B1	<0.039	629	0.31 B	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
SB11-B1R	<0.040	17	0.23 B	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
SO2-B1	0.120	18.8 E	<0.55	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
SO2-B2	<0.034	24.3	<0.52	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
SO2-B3	0.760	48.0	0.20 B	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
SO2-S1	0.700	14.3	<0.56	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
SO2-S2	0.117 J	23.5	0.071 B	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
SO2-S3	<0.041	35.4	0.13 B	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
SO4-B1	<0.036	5.0	<0.54	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
SO4-B2	<0.036	5.2	<0.54	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
JSS10-S1	0.230	168	0.95	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
JSS10-B1	0.044	186	0.15 B	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
JSS7-B1	<0.035	5.5	0.18 B	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
JSS8-B1	<0.035	4.8	0.16 B	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
JSS8-B2	2.63	25.6	1.0	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
JSS9-S1	<0.040	20.8	1.9	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
JSS9-S2	0.220	464	5.6	0.69	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
JSS9-S2R	0.021 J	62.9	0.34 B	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s
JSS9-S2RR	0.020 J	63.4	0.32 B	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s
JSS9-S3	0.084	281	2.2	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
JSS9-B1	<0.038	12.8	0.096 B	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
JSS9-B2	0.460	343	1.1	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
JSS9-B3	0.460	628	2.4	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
JSS9-B2(3)R	0.019 J	110	0.50 B	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
JB1-B1	<0.035	3.3	0.059 B	<0.50	<0.10	n/s	n/s	n/s	n/s	n/s	n/s
RB-1	nd	nd	nd	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s
RB-2	nd	nd	nd	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s
RB-3	nd	nd	nd	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s
		628	- sample result exceeds project cleanup criteria								

ATTACHMENT C

CHAIN OF CUSTODY SHEETS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Regulatory program:

 Other

COC No:

of _____ COCs

For lab use only

Walk-in client	<input type="text"/>
Lab pickup	<input type="text"/>
Lab sampling	<input type="text"/>

Job/SDG No:

Sample Specific Notes /
Special Instructions:

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TAL-0018 (1008)

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact		Company Name: <u>CRA</u>		Client Project Manager: <u>Steve Voss</u>		Site Contact: _____		Lab Contact: _____		COC No: _____												
Address: _____		Telephone: _____		Telephone: _____		Telephone: _____		_____ of _____ COCs														
City/State/Zip: <u>St. Louis, MO 63113</u>		Email: <u>SVoss@CRA.com</u>		Analysis Turnaround Time (in BUS days)		TAT if different from below _____		Analyses		For lab use only												
Phone: <u>636-337-2913</u>		Method of Shipment/Carrier: <u>Fed Ex overnight</u>		<input type="checkbox"/> 3 weeks		<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week		<input type="checkbox"/> 2 days												
Project Name: <u>Johnston Road</u>		Shipping/Tracking No: _____		<input type="checkbox"/> 1 day						Wait-in client <input type="checkbox"/>												
Project Number: <u>054633</u>										Lab pickup <input type="checkbox"/>												
P O # _____										Lab sampling <input type="checkbox"/>												
										Job/SDC No: _____												
Sample Identification		Sample Date	Sample Time	Matrix		Containers & Preservatives		Filtered Sample (Y/N)		Sample Specific Notes / Special Instructions:												
				Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc	NaOH	Unpres	Other:						
G-091123-P-SBL-B1	12/13/09	1400																				
TSCA SOIL		1135																				
TSCA STABILIZED		1135																				
W-W-TSCA STABILIZED		1415																				
W-04123-P-BBL		1130		X																		
Possible Hazard Identification				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																		
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown				<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																		
Special Instructions/QC Requirements & Comments:																						
Relinquished by: <u>[Signature]</u>				Company: <u>CRA</u>				Date/Time: <u>12-23-09/1620</u>				Received by: _____										
Relinquished by: _____				Company: _____				Date/Time: _____				Received by: _____										
Relinquished by: _____				Company: _____				Date/Time: _____				Received in Laboratory by: _____										
				Company: _____				Date/Time: _____				Company: _____										
				Company: _____				Date/Time: _____				Company: _____										

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Regulatory program:

 DW☐ NPDES☐ RCRA☐ Other

TestAmerica Laboratories, Inc.

[illegible]

CHAIN OF CUSTODY RECORD



CONESTOGA-ROVERS & ASSOCIATES

Steve Voss
651-639-0913

SHIPPED TO (Laboratory Name):

Test America

REFERENCE NUMBER:

054633

SAMPLER'S SIGNATURE:

[Signature]

PRINTED NAME:

Peter Sterli

SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers	PARAMETERS	T. P. B. P. C. C.	T. C. P. B. C. C.	2 DAY TAT	GRAB	REMARKS
	10/27/09	1337	S-091027-PS-JSS7-B1	Solid	2	X	X				2-DAY TAT
		1342	JSS8-B1			X	X				
		1343	JSS8-B2			X	X				
		1400	JSS9-S1			X	X				
		1405	JSS9-S2			X	X				
		1406	JSS9-S3			X	X				
		1408	JSS9-B1			X	X				
		1420	JSS9-B2			X	X				
		1420	JSS9-B3			X	X				
		1415	JBI-B1			X	X				
		1300	W-091027-PS-RB2	Water	3	X					Duplicate of PS-JSS9-B2 Rinsed @ PS-JSS9-B2

TOTAL NUMBER OF CONTAINERS

23

HEALTH/CHEMICAL HAZARDS

RELINQUISHED BY:

① *[Signature]*

DATE: 10-27-09

TIME: 1645

RECEIVED BY:

① _____

DATE:

TIME:

RELINQUISHED BY:

② _____

DATE:

TIME:

RECEIVED BY:

② _____

DATE:

TIME:

RELINQUISHED BY:

③ _____

DATE:

TIME:

RECEIVED BY:

③ _____

DATE:

TIME:

METHOD OF SHIPMENT: OVERNIGHT FED EX

WAY BILL No.

White
Yellow
Pink
Goldenrod

—Fully Executed Copy
—Receiving Laboratory Copy
—Shipper Copy
—Sampler Copy

SAMPLE TEAM:

STERLIE

RECEIVED FOR LABORATORY BY:

DATE: _____ TIME: _____

NO CRA 82336

REFERENCE NUMBER:



West America

054633

[Handwritten signature]

Peter Stovli

REMARKS

REMARKS

Y. T. A.

HEALTH/CHEMICAL HAZARDS

TIME:

TIME:

TIME:


WAY BILL No.

NO CRA 2332

DATE: _____ TIME: _____

 CONESTOGA-ROVERS & ASSOCIATES <i>Constance Anderson</i> <i>651-639-6913</i>		SHIPPED TO (Laboratory Name): <i>Test America</i>		REFERENCE NUMBER: <i>054633</i>											
SAMPLER'S SIGNATURE: <i>[Signature]</i>		PRINTED NAME: <i>Pete Stahl</i>		<div>PARAMETERS</div> <table><tr><td>TOXIC PCB</td><td>PCB</td><td>TCDF</td><td>TCDF</td><td>1-DAY TAT</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table> REMARKS		TOXIC PCB	PCB	TCDF	TCDF	1-DAY TAT					
TOXIC PCB	PCB	TCDF	TCDF			1-DAY TAT									
SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers										
	<i>11/1/06</i>	<i>1400</i>	<i>S-091102-PS-3559-S2R</i>	<i>SOIL</i>	<i>2</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>Resample S2 8' North</i>				
	<i>↓</i>	<i>↓</i>	<i>S2RR</i>	<i>↓</i>	<i>2</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>Dup of S2</i>				
			<i>S2R</i>		<i>4</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>MS/MID Resample</i>				
<i>1-DAY TAT</i>															
TOTAL NUMBER OF CONTAINERS						HEALTH/CHEMICAL HAZARDS									
RELINQUISHED BY: <i>[Signature]</i>			DATE: <i>11-2-06</i>		RECEIVED BY:			DATE:							
①			TIME: <i>1600</i>		①			TIME:							
RELINQUISHED BY:			DATE:		RECEIVED BY:			DATE:							
②			TIME:		②			TIME:							
RELINQUISHED BY:			DATE:		RECEIVED BY:			DATE:							
③			TIME:		③			TIME:							
METHOD OF SHIPMENT: <i>Overnight Fed Ex</i>						WAY BILL No.									
White Yellow Pink Goldenrod		—Fully Executed Copy —Receiving Laboratory Copy —Shipper Copy —Sampler Copy		SAMPLE TEAM: <i>Stahl</i>		RECEIVED FOR LABORATORY BY: <i>No CRA 23396</i>									
DATE: TIME:						DATE: TIME:									

CHAIN OF CUSTODY RECORD

 CONESTOGA-ROVERS & ASSOCIATES <u>Grant Anderson</u> <u>651-639-0913</u>			SHIPPED TO (Laboratory Name): <u>Test America</u>			REFERENCE NUMBER: <u>054633</u>		
SAMPLER'S SIGNATURE: <u>[Signature]</u>			PRINTED NAME: <u>Rita Storie</u>			REMARKS		
SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers			
	11/2/09	1400	W-091102-PS-RB3	Water	2	PCB T-26+Cd STANDARD TAT		
<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 1px solid black; transform: rotate(45deg); opacity: 0.5;"></div> </div>								
TOTAL NUMBER OF CONTAINERS					2	HEALTH/CHEMICAL HAZARDS		
RELINQUISHED BY: ① <u>[Signature]</u>			DATE: <u>11/2/09</u> TIME: <u>1400</u>		RECEIVED BY: ① _____			DATE: TIME:
RELINQUISHED BY: ② _____			DATE: TIME:		RECEIVED BY: ② _____			DATE: TIME:
RELINQUISHED BY: ③ _____			DATE: TIME:		RECEIVED BY: ③ _____			DATE: TIME:
METHOD OF SHIPMENT: <u>Fed Ex Over night</u>					WAY BILL No. _____			
White Yellow Pink Goldenrod		—Fully Executed Copy —Receiving Laboratory Copy —Shipper Copy —Sampler Copy		SAMPLE TEAM: <u>Storie</u>		RECEIVED FOR LABORATORY BY: <u>Nº CRA 22170</u> DATE: _____ TIME: _____		

ATTACHMENT D
FINAL LABORATORY DATA REPORTS



ANALYTICAL REPORT

Grant Anderson
Conestoga-Rovers & Associates, Inc.
PROJECT NO. 54633
JEFFERSON YARD

SAMPLE SUMMARY

<u>WO #</u>	<u>LABORATORY ID</u>	<u>SAMPLE IDENTIFICATION</u>	
LM8VT	A9J240135-001	S-091023-PS-S02-B1	
LM8V2	A9J240135-002	S-091023-PS-S02-B2	
LM8V4	A9J240135-003	S-091023-PS-S02-B3	
LM8V5	A9J240135-004	S-091023-PS-S02-S1	
LM8V6	A9J240135-005	S-091023-PS-S02-S2	
LM8V7	A9J240135-006	S-091023-PS-S02-S3	
LM8V9	A9J240135-007	S-091023-PS-S04-B1	
LM8WA	A9J240135-008	S-091023-PS-S04-B2	dup of S04-B1
LM8WC	A9J240135-009	S-091023-PS-JSS10-S1	
LM8WD	A9J240135-010	S-091023-PS-JSS10-B1	
LM8WF	A9J240135-011	S-091023-PS-SB11-B1	
LM8WG	A9J240135-012	W-091023-PS-RB1	Rinsate Blank

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager
denise.heckler@testamericainc.com

Approved for release,
Denise D. Heckler
Project Manager
10/29/2009 9:52 AM

October 29, 2009

TestAmerica Laboratories, Inc.

TestAmerica North Canton 4101 Shuffel Street NW, North Canton, OH 44720
Tel (330)497-9396 Fax (330)497-0772 www.testamericainc.com



CASE NARRATIVE

A9J240135

The following report contains the analytical results for eleven solid samples and one water sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the Jefferson Yard Site, project number 54633. The samples were received October 24, 2009, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Grant Anderson, Pete Storlie and Steve Voss on October 28, 2009. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 5.4°C.

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

There were no client requested Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples in batch 9300037. Therefore, the laboratory has included a Laboratory Control Sample Duplicate (LCSD) in the QC batch. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system.

Surrogate recoveries were outside criteria, since the method criterion is that one of two surrogate compounds must meet acceptance criteria, nor corrective action was required for samples S-091023-PS-S02-S3.

Samples contained degraded and/or possible mixtures of Aroclors. The best pattern match was used in identification and quantitation for the following sample(s): S-091023-PS-S02-B1, S-091023-PS-S02-S2, S-091023-PS-JSS10-S1 and S-091023-PS-JSS10-B1.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

Serial dilution of a sample in this lot indicates that physical and chemical interferences were present. Refer to the sample report pages for the affected analytes flagged with "E".

The QC batch associated with batch 9299012 for the Metals analysis is reported without an MS/MSD. The MS/MSD was performed on another client's sample within the batch. The MS/MSD result does not have immediate bearing on any samples except for the actual sample spiked. Ongoing evaluation and monitoring of the LCS provides long-term precision and accuracy for the method.

CASE NARRATIVE (continued)

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the reparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

<u>Volatile (GC or GC/MS)</u>	<u>Semivolatile (GC/MS)</u>	<u>Metals ICP-MS</u>	<u>Metals ICP Trace</u>
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

QUALITY CONTROL ELEMENTS NARRATIVE (continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.
- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the reparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.
California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada
(#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), NAVY,
ARMY, USDA Soil Permit



EXECUTIVE SUMMARY - Detection Highlights

A9J240135

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-091023-PS-S02-B1 10/23/09 11:45 001				
Aroclor 1242	67	36	ug/kg	SW846 8082
Aroclor 1254	53	36	ug/kg	SW846 8082
Lead	18.8 E	0.33	mg/kg	SW846 6010B
Percent Solids	90.8	10.0	%	MCAWW 160.3 MOD
S-091023-PS-S02-B2 10/23/09 11:50 002				
Lead	24.3	0.31	mg/kg	SW846 6010B
Percent Solids	95.9	10.0	%	MCAWW 160.3 MOD
S-091023-PS-S02-B3 10/23/09 11:55 003				
Aroclor 1254	760	180	ug/kg	SW846 8082
Lead	48.0	0.32	mg/kg	SW846 6010B
Cadmium	0.20 B	0.54	mg/kg	SW846 6010B
Percent Solids	92.6	10.0	%	MCAWW 160.3 MOD
S-091023-PS-S02-S1 10/23/09 12:00 004				
Aroclor 1254	700	190	ug/kg	SW846 8082
Lead	14.3	0.34	mg/kg	SW846 6010B
Percent Solids	88.9	10.0	%	MCAWW 160.3 MOD
S-091023-PS-S02-S2 10/23/09 12:05 005				
Aroclor 1248	86	39	ug/kg	SW846 8082
Aroclor 1260	31 J	39	ug/kg	SW846 8082
Lead	23.5	0.35	mg/kg	SW846 6010B
Cadmium	0.071 B	0.58	mg/kg	SW846 6010B
Percent Solids	85.5	10.0	%	MCAWW 160.3 MOD
S-091023-PS-S02-S3 10/23/09 12:10 006				
Lead	35.4	0.37	mg/kg	SW846 6010B
Cadmium	0.13 B	0.62	mg/kg	SW846 6010B
Percent Solids	81.0	10.0	%	MCAWW 160.3 MOD
S-091023-PS-S04-B1 10/23/09 11:40 007				
Lead	5.0	0.32	mg/kg	SW846 6010B
Percent Solids	92.7	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A9J240135

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-091023-PS-S04-B2 10/23/09 11:40 008				
Lead	5.2	0.33	mg/kg	SW846 6010B
Percent Solids	92.2	10.0	%	MCAWW 160.3 MOD
S-091023-PS-JSS10-S1 10/23/09 13:30 009				
Aroclor 1254	230	40	ug/kg	SW846 8082
Lead	168	0.37	mg/kg	SW846 6010B
Cadmium	0.95	0.61	mg/kg	SW846 6010B
Percent Solids	81.5	10.0	%	MCAWW 160.3 MOD
S-091023-PS-JSS10-B1 10/23/09 13:30 010				
Aroclor 1254	44	38	ug/kg	SW846 8082
Lead	186	0.35	mg/kg	SW846 6010B
Cadmium	0.15 B	0.58	mg/kg	SW846 6010B
Percent Solids	86.8	10.0	%	MCAWW 160.3 MOD
S-091023-PS-SB11-B1 10/23/09 14:00 011				
Lead	629	0.36	mg/kg	SW846 6010B
Cadmium	0.31 B	0.60	mg/kg	SW846 6010B
Percent Solids	83.6	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A9J240135

PARAMETER	ANALYTICAL METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B

References:

- MCAWW "Methods for Chemical Analysis of Water and Wastes",
EPA-600/4-79-020, March 1983 and subsequent revisions.
- SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical
Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A9J240135

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LM8VT	001	S-091023-PS-S02-B1	10/23/09	11:45
LM8V2	002	S-091023-PS-S02-B2	10/23/09	11:55
LM8V4	003	S-091023-PS-S02-B3	10/23/09	11:55
LM8V5	004	S-091023-PS-S02-S1	10/23/09	12:00
LM8V6	005	S-091023-PS-S02-S2	10/23/09	12:00
LM8V7	006	S-091023-PS-S02-S3	10/23/09	12:00
LM8V9	007	S-091023-PS-S04-B1	10/23/09	11:55
LM8WA	008	S-091023-PS-S04-B2	10/23/09	11:45
LM8WC	009	S-091023-PS-JSS10-S1	10/23/09	13:00
LM8WD	010	S-091023-PS-JSS10-B1	10/23/09	13:00
LM8WF	011	S-091023-PS-SB11-B1	10/23/09	14:00
LM8WG	012	W-091023-PS-RB1	10/23/09	11:30

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "NC" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-B1

GC Semivolatiles

Lot-Sample #....: A9J240135-001 Work Order #....: LM8VT1AA Matrix.....: SO
 Date Sampled....: 10/23/09 11:45 Date Received...: 10/24/09
 Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9299154
 Dilution Factor: 1
 % Moisture.....: 9.2 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	18
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	67	36	ug/kg	14
Aroclor 1248	ND	36	ug/kg	19
Aroclor 1254	53	36	ug/kg	19
Aroclor 1260	ND	36	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(10 - 196)
Decachlorobiphenyl	119	(10 - 199)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-B1

TOTAL Metals

Lot-Sample #: A9J240135-001

Matrix.....: SO

Date Sampled...: 10/23/09 11:45 Date Received...: 10/24/09

% Moisture.....: 9.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...	9299021					
Cadmium	ND	0.55	mg/kg	SW846 6010B	10/26-10/27/09	LM8VT1
		Dilution Factor: 1		MDL.....: 0.040		
Lead	18.8 E	0.33	mg/kg	SW846 6010B	10/26-10/27/09	LM8VT1
		Dilution Factor: 1		MDL.....: 0.21		

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

E Matrix interference.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-B1

TCLP Metals

Lot-Sample #...: A9J240135-001

Matrix.....: SO

Date Sampled...: 10/23/09 11:45 Date Received...: 10/24/09

Leach Date.....: 10/25/09 Leach Batch #...: P929801

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9299013						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27/09	LM8VT1AE
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/27/09	LM8VT1AF
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-B1

General Chemistry

Lot-Sample #...: A9J240135-001 Work Order #...: LM8VT Matrix.....: SO
Date Sampled...: 10/23/09 11:45 Date Received...: 10/24/09
% Moisture.....: 9.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	90.8	10.0	%	MCAWW 160.3 MOD	10/27-10/28/09	9300273
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-B2

GC Semivolatiles

Lot-Sample #....: A9J240135-002 Work Order #....: LM8V21AA Matrix.....: SO
Date Sampled...: 10/23/09 11:50 Date Received...: 10/24/09
Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
Prep Batch #....: 9299154
Dilution Factor: 1
% Moisture.....: 4.1 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	22
Aroclor 1221	ND	34	ug/kg	17
Aroclor 1232	ND	34	ug/kg	15
Aroclor 1242	ND	34	ug/kg	14
Aroclor 1248	ND	34	ug/kg	18
Aroclor 1254	ND	34	ug/kg	18
Aroclor 1260	ND	34	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(10 - 196)
Decachlorobiphenyl	131	(10 - 199)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-B2

TOTAL Metals

Lot-Sample #...: A9J240135-002

Matrix.....: SO

Date Sampled...: 10/23/09 11:50 Date Received...: 10/24/09

% Moisture.....: 4.1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...	9299021					
Cadmium	ND	0.52	mg/kg	SW846 6010B	10/26-10/27/09	LM8V21
		Dilution Factor: 1		MDL.....: 0.038		
Lead	24.3	0.31	mg/kg	SW846 6010B	10/26-10/27/09	LM8V21
		Dilution Factor: 1		MDL.....: 0.20		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-B2

TCLP Metals

Lot-Sample #...: A9J240135-002

Matrix.....: SO

Date Sampled...: 10/23/09 11:50 Date Received...: 10/24/09

Leach Date.....: 10/25/09 Leach Batch #...: P929801

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9299013						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM8V21AE
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM8V21AF
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-B2

General Chemistry

Lot-Sample #...: A9J240135-002 Work Order #...: LM8V2 Matrix.....: SO
Date Sampled...: 10/23/09 11:50 Date Received...: 10/24/09
% Moisture.....: 4.1

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	95.9	10.0	%	MCAWW 160.3 MOD	10/27-10/28/09	9300273
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-B3

GC Semivolatiles

Lot-Sample #....: A9J240135-003 Work Order #....: LM8V41AA Matrix.....: SO
 Date Sampled....: 10/23/09 11:55 Date Received...: 10/24/09
 Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9299154
 Dilution Factor: 5
 % Moisture.....: 7.4 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	180	ug/kg	110
Aroclor 1221	ND	180	ug/kg	86
Aroclor 1232	ND	180	ug/kg	76
Aroclor 1242	ND	180	ug/kg	70
Aroclor 1248	ND	180	ug/kg	92
Aroclor 1254	760	180	ug/kg	92
Aroclor 1260	ND	180	ug/kg	92

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	115 DIL	(10 - 196)
Decachlorobiphenyl	153 DIL	(10 - 199)

NOTE (S) :

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.
 Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-B3

TOTAL Metals

Lot-Sample #...: A9J240135-003

Matrix.....: SO

Date Sampled...: 10/23/09 11:55 Date Received...: 10/24/09

% Moisture.....: 7.4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...: 9299021						
Cadmium	0.20 B	0.54	mg/kg	SW846 6010B	10/26-10/27/09	LM8V41
		Dilution Factor: 1		MDL.....: 0.039		
Lead	48.0	0.32	mg/kg	SW846 6010B	10/26-10/27/09	LM8V41
		Dilution Factor: 1		MDL.....: 0.21		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-B3

TCLP Metals

Lot-Sample #....: A9J240135-003

Matrix.....: SO

Date Sampled...: 10/23/09 11:55 Date Received...: 10/24/09

Leach Date.....: 10/25/09 Leach Batch #...: P929801

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 9299013						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM8V41AE
		Dilution Factor: 1		MDL.....: 0.0066		
Lead	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM8V41AF
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-B3

General Chemistry

Lot-Sample #....: A9J240135-003 Work Order #....: LM8V4 Matrix.....: SO
Date Sampled...: 10/23/09 11:55 Date Received...: 10/24/09
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	92.6	10.0	%	MCAWW 160.3 MOD	10/27-10/28/09	9300273
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-S1

GC Semivolatiles

Lot-Sample #....: A9J240135-004 Work Order #....: LM8V51AA Matrix.....: SO
 Date Sampled....: 10/23/09 12:00 Date Received...: 10/24/09
 Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9299154
 Dilution Factor: 5
 % Moisture.....: 11 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	190	ug/kg	120
Aroclor 1221	ND	190	ug/kg	90
Aroclor 1232	ND	190	ug/kg	79
Aroclor 1242	ND	190	ug/kg	73
Aroclor 1248	ND	190	ug/kg	96
Aroclor 1254	700	190	ug/kg	96
Aroclor 1260	ND	190	ug/kg	96

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	114 DIL	(10 - 196)
Decachlorobiphenyl	137 DIL	(10 - 199)

NOTE (S) :

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.
 Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-S1

TOTAL Metals

Lot-Sample #...: A9J240135-004

Matrix.....: SO

Date Sampled...: 10/23/09 12:00 Date Received...: 10/24/09

% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...	9299021					
Cadmium	ND	0.56	mg/kg	SW846 6010B	10/26-10/27/09	LM8V51
		Dilution Factor: 1		MDL.....: 0.040		
Lead	14.3	0.34	mg/kg	SW846 6010B	10/26-10/27/09	LM8V51
		Dilution Factor: 1		MDL.....: 0.21		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-S1

TCLP Metals

Lot-Sample #...: A9J240135-004

Matrix.....: SO

Date Sampled...: 10/23/09 12:00 Date Received...: 10/24/09

Leach Date.....: 10/25/09 Leach Batch #...: P929801

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9299013						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM8V51AE
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM8V51AF
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-S1

General Chemistry

Lot-Sample #....: A9J240135-004 Work Order #....: LM8V5 Matrix.....: SO
Date Sampled....: 10/23/09 12:00 Date Received...: 10/24/09
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	88.9	10.0	%	MCAWW 160.3 MOD	10/27-10/28/09	9300273
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-S2

GC Semivolatiles

Lot-Sample #....: A9J240135-005 Work Order #....: LM8V61AA Matrix.....: SO
 Date Sampled....: 10/23/09 12:05 Date Received...: 10/24/09
 Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9299154
 Dilution Factor: 1
 % Moisture.....: 14 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1216	ND	39	ug/kg	25
Aroclor 1221	ND	39	ug/kg	19
Aroclor 1232	ND	39	ug/kg	16
Aroclor 1242	ND	39	ug/kg	15
Aroclor 1248	86	39	ug/kg	20
Aroclor 1254	ND	39	ug/kg	20
Aroclor 1260	31 J	39	ug/kg	20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	118	(10 - 196)
Decachlorobiphenyl	132	(10 - 199)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-S2

TOTAL Metals

Lot-Sample #...: A9J240135-005

Matrix.....: SO

Date Sampled...: 10/23/09 12:05 Date Received...: 10/24/09

% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...	9299021					
Cadmium	0.071 B	0.58	mg/kg	SW846 6010B	10/26-10/27/09	LM8V61
		Dilution Factor: 1		MDL.....: 0.042		
Lead	23.5	0.35	mg/kg	SW846 6010B	10/26-10/27/09	LM8V61
		Dilution Factor: 1		MDL.....: 0.22		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-S2

TCLP Metals

Lot-Sample #...: A9J240135-005

Matrix.....: SO

Date Sampled...: 10/23/09 12:05 Date Received...: 10/24/09

Leach Date.....: 10/25/09 Leach Batch #...: P929801

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9299013						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM8V61AE
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM8V61AF
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-S2

General Chemistry

Lot-Sample #....: A9J240135-005 Work Order #....: LM8V6 Matrix.....: SO
Date Sampled...: 10/23/09 12:05 Date Received...: 10/24/09
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	85.5	10.0	%	MCAWW 160.3 MOD	10/27-10/28/09	930029
			Dilution Factor: 1	MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-S3

GC Semivolatiles

Lot-Sample #....: A9J240135-006 Work Order #....: LM8V71AA Matrix.....: SO
 Date Sampled....: 10/23/09 12:10 Date Received...: 10/24/09
 Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9299154
 Dilution Factor: 1
 % Moisture.....: 19 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1216	ND	41	ug/kg	26
Aroclor 1221	ND	41	ug/kg	20
Aroclor 1232	ND	41	ug/kg	17
Aroclor 1242	ND	41	ug/kg	16
Aroclor 1248	ND	41	ug/kg	21
Aroclor 1254	ND	41	ug/kg	21
Aroclor 1260	ND	41	ug/kg	21
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Tetrachloro-m-xylene	90	(10 - 196)		
Decachlorobiphenyl	4180 *	(10 - 199)		

NOTE (S) :

* Surrogate recovery is outside stated control limits.
 Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-S3

TOTAL Metals

Lot-Sample #...: A9J240135-006

Matrix.....: SO

Date Sampled...: 10/23/09 12:10 Date Received...: 10/24/09

% Moisture.....: 19

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...: 9299021						
Cadmium	0.13 B	0.62	mg/kg	SW846 6010B	10/26-10/27/09	LM8V71A
		Dilution Factor: 1		MDL.....: 0.044		
Lead	35.4	0.37	mg/kg	SW846 6010B	10/26-10/27/09	LM8V71A
		Dilution Factor: 1		MDL.....: 0.23		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-S3

TCLP Metals

Lot-Sample #....: A9J240135-006

Matrix.....: SO

Date Sampled....: 10/23/09 12:10 Date Received...: 10/24/09

Leach Date.....: 10/25/09 Leach Batch #...: P929801

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 9299013						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM8V71AE
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM8V71AF
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE(S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S02-S3

General Chemistry

Lot-Sample #....: A9J240135-006 Work Order #....: LM8V7 Matrix.....: SO
Date Sampled....: 10/23/09 12:10 Date Received...: 10/24/09
% Moisture.....: 19

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	81.0	10.0	%	MCAWW 160.3 MOD	10/27-10/28/09	9300290
			Dilution Factor: 1	MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S04-B1

GC Semivolatiles

Lot-Sample #....: A9J240135-007 Work Order #....: LM8V91AA Matrix.....: SO
Date Sampled...: 10/23/09 11:40 Date Received...: 10/24/09
Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
Prep Batch #....: 9299154
Dilution Factor: 1
% Moisture.....: 7.4 Method.....: SW846 8082

		REPORTING		
PARAMETER	RESULT	LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	17
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	ND	36	ug/kg	14
Aroclor 1248	ND	36	ug/kg	18
Aroclor 1254	ND	36	ug/kg	18
Aroclor 1260	ND	36	ug/kg	18
		PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS		
Tetrachloro-m-xylene	90	(10 - 196)		
Decachlorobiphenyl	96	(10 - 199)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S04-B1

TOTAL Metals

Lot-Sample #...: A9J240135-007

Matrix.....: SO

Date Sampled...: 10/23/09 11:40 Date Received...: 10/24/09

% Moisture.....: 7.4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...	9299021					
Cadmium	ND	0.54	mg/kg	SW846 6010B	10/26-10/27/09	LM8V91
		Dilution Factor: 1		MDL.....: 0.039		
Lead	5.0	0.32	mg/kg	SW846 6010B	10/26-10/27/09	LM8V91
		Dilution Factor: 1		MDL.....: 0.21		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S04-B1

TCLP Metals

Lot-Sample #....: A9J240135-007

Matrix.....: SO

Date Sampled....: 10/23/09 11:40 Date Received...: 10/24/09

Leach Date.....: 10/25/09 Leach Batch #...: P929801

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 9299013						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM8V91AL
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM8V91AP
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S04-B1

General Chemistry

Lot-Sample #...: A9J240135-007 Work Order #...: LM8V9 Matrix.....: SO
Date Sampled...: 10/23/09 11:40 Date Received...: 10/24/09
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	92.7	10.0	%	MCAWW 160.3 MOD	10/27-10/28/09	9300290
			Dilution Factor: 1	MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

dup of S04-B1

Client Sample ID: S-091023-PS-S04-B2

GC Semivolatiles

Lot-Sample #....: A9J240135-008 Work Order #....: LM8WA1AA Matrix.....: SO
 Date Sampled....: 10/23/09 11:40 Date Received...: 10/24/09
 Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9299154
 Dilution Factor: 1
 % Moisture.....: 7.8 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	17
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	ND	36	ug/kg	14
Aroclor 1248	ND	36	ug/kg	18
Aroclor 1254	ND	36	ug/kg	18
Aroclor 1260	ND	36	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(10 - 196)
Decachlorobiphenyl	105	(10 - 199)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S04-B2

TOTAL Metals

Lot-Sample #...: A9J240135-008

Matrix.....: SO

Date Sampled...: 10/23/09 11:40 Date Received...: 10/24/09

% Moisture.....: 7.8

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9299021						
Cadmium	ND	0.54	mg/kg	SW846 6010B	10/26-10/27/09	LM8WA1A
		Dilution Factor: 1		MDL.....: 0.039		
Lead	5.2	0.33	mg/kg	SW846 6010B	10/26-10/27/09	LM8WA1A
		Dilution Factor: 1		MDL.....: 0.21		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S04-B2

TCLP Metals

Lot-Sample #...: A9J240135-008

Matrix.....: SO

Date Sampled...: 10/23/09 11:40 Date Received...: 10/24/09

Leach Date.....: 10/25/09 Leach Batch #...: P929801

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9299013						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM8WA1AE
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM8WA1AF
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-S04-B2

General Chemistry

Lot-Sample #...: A9J240135-008 Work Order #...: LM8WA Matrix.....: SO
Date Sampled...: 10/23/09 11:40 Date Received...: 10/24/09
% Moisture.....: 7.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	92.2	10.0	%	MCAWW 160.3 MOD	10/27-10/28/09	9300290
			Dilution Factor: 1	MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-JSS10-S1

GC Semivolatiles

Lot-Sample #....: A9J240135-009 Work Order #....: LM8WC1AA Matrix.....: SO
 Date Sampled....: 10/23/09 13:30 Date Received...: 10/24/09
 Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9299154
 Dilution Factor: 1
 % Moisture.....: 18 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	26
Aroclor 1221	ND	40	ug/kg	20
Aroclor 1232	ND	40	ug/kg	17
Aroclor 1242	ND	40	ug/kg	16
Aroclor 1248	ND	40	ug/kg	21
Aroclor 1254	230	40	ug/kg	21
Aroclor 1260	ND	40	ug/kg	21

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(10 - 196)
Decachlorobiphenyl	54	(10 - 199)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-JSS10-S1

TOTAL Metals

Lot-Sample #...: A9J240135-009

Matrix.....: SO

Date Sampled...: 10/23/09 13:30 Date Received...: 10/24/09

% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...: 9299021						
Cadmium	0.95	0.61	mg/kg	SW846 6010B	10/26-10/27/09	LM8WC1
		Dilution Factor: 1		MDL.....: 0.044		
Lead	168	0.37	mg/kg	SW846 6010B	10/26-10/27/09	LM8WC1
		Dilution Factor: 1		MDL.....: 0.23		

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-JSS10-S1

TCLP Metals

Lot-Sample #...: A9J240135-009

Matrix.....: SO

Date Sampled...: 10/23/09 13:30 Date Received...: 10/24/09

Leach Date.....: 10/25/09 Leach Batch #...: P929801

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9299013						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM8WC1AE
		Dilution Factor: 1		MDL.....: 0.0066		
Lead	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM8WC1AF
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-JSS10-S1

General Chemistry

Lot-Sample #...: A9J240135-009 Work Order #...: LM8WC Matrix.....: SO
Date Sampled...: 10/23/09 13:30 Date Received...: 10/24/09
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	81.5	10.0	%	MCAWW 160.3 MOD	10/27-10/28/09	9300290
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-JSS10-B1

GC Semivolatiles

Lot-Sample #....: A9J240135-010 Work Order #....: LM8WD1AA Matrix.....: SO
 Date Sampled....: 10/23/09 13:30 Date Received...: 10/24/09
 Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9299154
 Dilution Factor: 1
 % Moisture.....: 13 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1216	ND	38	ug/kg	24
Aroclor 1221	ND	38	ug/kg	18
Aroclor 1232	ND	38	ug/kg	16
Aroclor 1242	ND	38	ug/kg	15
Aroclor 1248	ND	38	ug/kg	20
Aroclor 1254	44	38	ug/kg	20
Aroclor 1260	ND	38	ug/kg	20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	60	(10 - 196)
Decachlorobiphenyl	44	(10 - 199)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-JSS10-B1

TOTAL Metals

Lot-Sample #...: A9J240135-010

Matrix.....: SO

Date Sampled...: 10/23/09 13:30 Date Received...: 10/24/09

% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...	9299021					
Cadmium	0.15 B	0.58	mg/kg	SW846 6010B	10/26-10/27/09	LM8WD1
		Dilution Factor: 1		MDL.....: 0.041		
Lead	186	0.35	mg/kg	SW846 6010B	10/26-10/27/09	LM8WD1
		Dilution Factor: 1		MDL.....: 0.22		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-JSS10-B1

TCLP Metals

Lot-Sample #...: A9J240135-010

Matrix.....: SO

Date Sampled...: 10/23/09 13:30 Date Received...: 10/24/09

Leach Date.....: 10/25/09 Leach Batch #...: P929801

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9299013						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM8WD1AE
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM8WD1AF
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-JSS10-B1

General Chemistry

Lot-Sample #....: A9J240135-010 Work Order #....: LM8WD Matrix.....: SO
Date Sampled....: 10/23/09 13:30 Date Received...: 10/24/09
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	86.8	10.0	%	MCAWW 160.3 MOD	10/27-10/28/09	9300290
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-SB11-B1

GC Semivolatiles

Lot-Sample #....: A9J240135-011 Work Order #....: LM8WF1AA Matrix.....: SO
 Date Sampled....: 10/23/09 14:00 Date Received...: 10/24/09
 Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9299154
 Dilution Factor: 1
 % Moisture.....: 16 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	25
Aroclor 1221	ND	39	ug/kg	19
Aroclor 1232	ND	39	ug/kg	17
Aroclor 1242	ND	39	ug/kg	16
Aroclor 1248	ND	39	ug/kg	20
Aroclor 1254	ND	39	ug/kg	20
Aroclor 1260	ND	39	ug/kg	20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(10 - 196)
Decachlorobiphenyl	63	(10 - 199)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-SB11-B1

TOTAL Metals

Lot-Sample #...: A9J240135-011

Matrix.....: SO

Date Sampled...: 10/23/09 14:00 Date Received...: 10/24/09

% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...: 9299021						
Cadmium	0.31 B	0.60	mg/kg	SW846 6010B	10/26-10/27/09	LM8WF1
		Dilution Factor: 1		MDL.....: 0.043		
Lead	629	0.36	mg/kg	SW846 6010B	10/26-10/27/09	LM8WF1
		Dilution Factor: 1		MDL.....: 0.23		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-SB11-B1

TCLP Metals

Lot-Sample #...: A9J240135-011

Matrix.....: SO

Date Sampled...: 10/23/09 14:00 Date Received...: 10/24/09

Leach Date.....: 10/25/09 Leach Batch #...: P929801

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9299013						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM8WF1AE
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM8WF1AF
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091023-PS-SB11-B1

General Chemistry

Lot-Sample #...: A9J240135-011 Work Order #...: LM8WF Matrix.....: SO
Date Sampled...: 10/23/09 14:00 Date Received...: 10/24/09
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	83.6	10.0	%	MCAWW 160.3 MOD	10/27-10/28/09	9300290
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

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Client Sample ID: W-091023-PS-RB1

GC Semivolatiles

Lot-Sample #....: A9J240135-012 Work Order #....: LM8WG1AA Matrix.....: WQ
 Date Sampled....: 10/23/09 11:30 Date Received...: 10/24/09
 Prep Date.....: 10/27/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9300037
 Dilution Factor: 1 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.17
Aroclor 1221	ND	1.0	ug/L	0.13
Aroclor 1232	ND	1.0	ug/L	0.16
Aroclor 1242	ND	1.0	ug/L	0.22
Aroclor 1248	ND	1.0	ug/L	0.10
Aroclor 1254	ND	1.0	ug/L	0.16
Aroclor 1260	ND	1.0	ug/L	0.17
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Tetrachloro-m-xylene	100	(27 - 130)		
Decachlorobiphenyl	63	(10 - 127)		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: W-091023-PS-RB1

TOTAL Metals

Lot-Sample #...: A9J240135-012

Matrix.....: WQ

Date Sampled...: 10/23/09 11:30 Date Received...: 10/24/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...: 9299012						
Cadmium	ND	5.0	ug/L	SW846 6010B	10/26-10/28/09	LM8WG1A
		Dilution Factor: 1		MDL.....: 0.66		
Lead	ND	3.0	ug/L	SW846 6010B	10/26-10/28/09	LM8WG1A
		Dilution Factor: 1		MDL.....: 1.9		

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A9J240135
MB Lot-Sample #: A9J260000-154

Work Order #...: LM9V91AA

Matrix.....: SOLID

Analysis Date...: 10/28/09
Dilution Factor: 1

Prep Date.....: 10/26/09
Prep Batch #...: 9299154

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT	
	RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 196)
Decachlorobiphenyl	114	(10 - 199)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #....: A9J240135
MB Lot-Sample #: A9J270000-037

Work Order #....: LNAWK1AA

Matrix.....: WATER

Analysis Date...: 10/28/09
Dilution Factor: 1

Prep Date.....: 10/27/09
Prep Batch #....: 9300037

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Aroclor 1016	ND	1.0	ug/L	SW846 8082
Aroclor 1221	ND	1.0	ug/L	SW846 8082
Aroclor 1232	ND	1.0	ug/L	SW846 8082
Aroclor 1242	ND	1.0	ug/L	SW846 8082
Aroclor 1248	ND	1.0	ug/L	SW846 8082
Aroclor 1254	ND	1.0	ug/L	SW846 8082
Aroclor 1260	ND	1.0	ug/L	SW846 8082
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Tetrachloro-m-xylene	94		(27 - 130)	
Decachlorobiphenyl	93		(10 - 127)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A9J240135

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
MB Lot-Sample #: A9J260000-012 Prep Batch #... 9299012						
Cadmium	ND	5.0	ug/L	SW846 6010B	10/26-10/27/09	LM9M81
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	10/26-10/27/09	LM9M81
		Dilution Factor: 1				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: A9J240135

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>WORK</u> <u>ORDER #</u>
MB Lot-Sample #: A9J260000-021 Prep Batch #....: 9299021						
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/26-10/27/09	LM9NV1AA
		Dilution Factor: 1				
Lead	ND	0.30	mg/kg	SW846 6010B	10/26-10/27/09	LM9NV1AC
		Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A9J240135

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
MB Lot-Sample #: A9J250000-022 Prep Batch #... : 9299013						
Leach Date..... : 10/25/09 Leach Batch #... : P929801						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27/09	LM9MM1A
Dilution Factor: 1						
Lead	ND	0.50	mg/L	SW846 6010B	10/27/09	LM9MM1
Dilution Factor: 1						

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #....: A9J240135

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A9J260000-013 Prep Batch #....: 9299013						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27/09	LM9NA1AA
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	10/27/09	LM9NA1AC
		Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A9J240135

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	ND	Work Order #: LNCCF1AA		MB Lot-Sample #:	A9J270000-273	
		10.0	%	MCAWW 160.3 MOD	10/27-10/28/09	9300273
		Dilution Factor: 1				
Percent Solids	ND	Work Order #: LNCDJ1AA		MB Lot-Sample #:	A9J270000-290	
		10.0	%	MCAWW 160.3 MOD	10/27-10/28/09	930029
		Dilution Factor: 1				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: A9J240135 Work Order #....: LM9V91AC Matrix.....: SOLID
 LCS Lot-Sample#: A9J260000-154
 Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9299154
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Aroclor 1016	98	(34 - 127)	SW846 8082
Aroclor 1260	111	(32 - 141)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	96	(10 - 196)
Decachlorobiphenyl	141	(10 - 199)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: A9J240135 Work Order #....: LM9V91AC Matrix.....: SOLID
 LCS Lot-Sample#: A9J260000-154
 Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9299154
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
Aroclor 1016	330	330	ug/kg	98	SW846 8082
Aroclor 1260	330	370	ug/kg	111	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	96	(10 - 196)
Decachlorobiphenyl	141	(10 - 199)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: A9J240135 Work Order #....: LNAWK1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A9J270000-037 LNAWK1AD-LCSD
 Prep Date.....: 10/27/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9300037
 Dilution Factor: 2

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	101	(44 - 119)			SW846 8082
	93	(44 - 119)	9.0	(0-30)	SW846 8082
Aroclor 1260	92	(41 - 118)			SW846 8082
	85	(41 - 118)	7.0	(0-30)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101	(27 - 130)
	102	(27 - 130)
Decachlorobiphenyl	60	(10 - 127)
	52	(10 - 127)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: A9J240135 Work Order #....: LNAWK1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A9J270000-037 LNAWK1AD-LCSD
 Prep Date.....: 10/27/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9300037
 Dilution Factor: 2

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	10	10	ug/L	101		SW846 8082
	10	9.3	ug/L	93	9.0	SW846 8082
Aroclor 1260	10	9.2	ug/L	92		SW846 8082
	10	8.5	ug/L	85	7.0	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101	(27 - 130)
	102	(27 - 130)
Decachlorobiphenyl	60	(10 - 127)
	52	(10 - 127)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A9J240135

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J260000-012 Prep Batch #...: 9299012					
Lead	101	(80 - 120)	SW846 6010B	10/26-10/27/09	LM9M81DV
		Dilution Factor: 1			
Cadmium	99	(80 - 120)	SW846 6010B	10/26-10/27/09	LM9M81D0
		Dilution Factor: 1			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A9J240135

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J260000-012 Prep Batch #...: 9299012							
Lead	500	503	ug/L	101	SW846 6010B	10/26-10/27/09	LM9M81DV
			Dilution Factor: 1				
Cadmium	50.0	49.4	ug/L	99	SW846 6010B	10/26-10/27/09	LM9M81D0
			Dilution Factor: 1				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: A9J240135

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J260000-021 Prep Batch #....: 9299021					
Cadmium	97	(80 - 120)	SW846 6010B	10/26-10/27/09	LM9NV1AD
		Dilution Factor: 1			
Lead	97	(80 - 120)	SW846 6010B	10/26-10/27/09	LM9NV1AE
		Dilution Factor: 1			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: A9J240135

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J260000-021 Prep Batch #....: 9299021							
Cadmium	5.0	4.8	mg/kg	97	SW846 6010B	10/26-10/27/09	LM9NV1AD
			Dilution Factor: 1				
Lead	50.0	48.4	mg/kg	97	SW846 6010B	10/26-10/27/09	LM9NV1AE
			Dilution Factor: 1				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #....: A9J240135

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J260000-013 Prep Batch #....: 9299013					
Cadmium	109	(50 - 150)	SW846 6010B	10/27/09	LM9NA1AD
		Dilution Factor: 1			
Lead	107	(50 - 150)	SW846 6010B	10/27/09	LM9NA1AE
		Dilution Factor: 1			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TCLP Metals

Client Lot #....: A9J240135

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J260000-013 Prep Batch #....: 9299013							
Cadmium	0.050	0.055	mg/L	109	SW846 6010B	10/27/09	LM9NA1AD
			Dilution Factor: 1				
Lead	0.50	0.53	mg/L	107	SW846 6010B	10/27/09	LM9NA1AE
			Dilution Factor: 1				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: A9J240135 Work Order #....: LM8V91CH-MS Matrix.....: SO
 MS Lot-Sample #: A9J240135-007 LM8V91CJ-MSD
 Date Sampled...: 10/23/09 11:40 Date Received...: 10/24/09
 Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
 Prep Batch #....: 9299154
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	87	(10 - 199)			SW846 8082
	86	(10 - 199)	1.3	(0-30)	SW846 8082
Aroclor 1260	92	(10 - 199)			SW846 8082
	92	(10 - 199)	0.65	(0-30)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(10 - 196)
	83	(10 - 196)
Decachlorobiphenyl	95	(10 - 199)
	100	(10 - 199)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A9J240135 Work Order #...: LM8V91CH-MS Matrix.....: SO
 MS Lot-Sample #: A9J240135-007 LM8V91CJ-MSD
 Date Sampled...: 10/23/09 11:40 Date Received...: 10/24/09
 Prep Date.....: 10/26/09 Analysis Date...: 10/28/09
 Prep Batch #...: 9299154
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	ND	360	310	ug/kg	87		SW846 8082
	ND	360	310	ug/kg	86	1.3	SW846 8082
Aroclor 1260	ND	360	330	ug/kg	92		SW846 8082
	ND	360	330	ug/kg	92	0.65	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(10 - 196)
	83	(10 - 196)
Decachlorobiphenyl	95	(10 - 199)
	100	(10 - 199)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: A9J240135

Matrix.....: SO

Date Sampled....: 10/23/09 11:40 Date Received...: 10/24/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A9J240135-007 Prep Batch #....: 9299021						
Cadmium	85	(75 - 125)		SW846 6010B	10/26-10/27/09	LM8V91AF
	86	(75 - 125)	1.0 (0-20)	SW846 6010B	10/26-10/27/09	LM8V91AG
		Dilution Factor: 1				
Lead	87	(75 - 125)		SW846 6010B	10/26-10/27/09	LM8V91AJ
	89	(75 - 125)	2.7 (0-20)	SW846 6010B	10/26-10/27/09	LM8V91AK
		Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: A9J240135

Matrix.....: SO

Date Sampled....: 10/23/09 11:40 Date Received...: 10/24/09

PARAMETER	AMOUNT	SAMPLE SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A9J240135-007 Prep Batch #....: 9299021									
Cadmium									
ND		5.4	4.6	mg/kg	85		SW846 6010B	10/26-10/27/09	LM8V917
ND		5.4	4.6	mg/kg	86	1.0	SW846 6010B	10/26-10/27/09	LM8V9
Dilution Factor: 1									
Lead									
5.0		54.0	51.8	mg/kg	87		SW846 6010B	10/26-10/27/09	LM8V9
5.0		54.0	53.2	mg/kg	89	2.7	SW846 6010B	10/26-10/27/09	LM8V917
Dilution Factor: 1									

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #....: A9J240135

Matrix.....: SO

Date Sampled....: 10/23/09 11:40 Date Received...: 10/24/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A9J240135-007 Prep Batch #....: 9299013						
Leach Date.....: 10/25/09 Leach Batch #...: P929801						
Cadmium	104	(50 - 150)		SW846 6010B	10/27-10/28/09	LM8V91AM
	106	(50 - 150)	1.8 (0-20)	SW846 6010B	10/27-10/28/09	LM8V91AN
Dilution Factor: 5						
Lead	102	(50 - 150)		SW846 6010B	10/27-10/28/09	LM8V91AQ
	104	(50 - 150)	1.8 (0-20)	SW846 6010B	10/27-10/28/09	LM8V91AR
Dilution Factor: 5						

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #....: A9J240135

Matrix.....: SO

Date Sampled....: 10/23/09 11:40 Date Received...: 10/24/09

PARAMETER	AMOUNT	SAMPLE SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
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MS Lot-Sample #: A9J240135-007 Prep Batch #....: 9299013

Leach Date.....: 10/25/09 Leach Batch #...: P929801

Cadmium

ND	1.0	1.0	mg/L	104		SW846 6010B	10/27-10/28/09	LM8V9
ND	1.0	1.1	mg/L	106	1.8	SW846 6010B	10/27-10/28/09	LM8V9

Dilution Factor: 5

Lead

ND	5.0	5.1	mg/L	102		SW846 6010B	10/27-10/28/09	LM8V91A
ND	5.0	5.2	mg/L	104	1.8	SW846 6010B	10/27-10/28/09	LM8V91A

Dilution Factor: 5

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A9J240135

Work Order #...: LM6P0-SMP
LM6P0-DUP

Matrix.....: SOLID

Date Sampled...: 10/22/09 11:25 Date Received...: 10/23/09

% Moisture.....: 13

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	87.4	88.3	%	1.1	(0-20)	SD Lot-Sample #: A9J230184-007 MCAWW 160.3 MOD	10/27-10/28/09	9300273

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: A9J240135

Work Order #....: LM6RG-SMP
LM6RG-DUP

Matrix.....: SOLID

Date Sampled....: 10/22/09 14:20 Date Received...: 10/23/09

% Moisture.....: 17

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	82.7	74.0	%	11	(0-20)	SD Lot-Sample #: A9J230184-011 MCAWW 160.3 MOD	10/27-10/28/09	93002

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: A9J240135 Work Order #....: LM3XR-SMP Matrix.....: SOLID
 LM3XR-DUP

Date Sampled....: 10/21/09 09:45 Date Received...: 10/22/09

% Moisture.....: 9.0

PARAM RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids					SD Lot-Sample #: A9J220200-004		
91.0	91.3	%	0.37	(0-20)	MCAWW 160.3 MOD	10/27-10/28/09	9300290

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A9J240135

Work Order #...: LM8V9-SMP
LM8V9-DUP

Matrix.....: SO

Date Sampled...: 10/23/09 11:40 Date Received...: 10/24/09

% Moisture.....: 7.4

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	92.7	92.4	%	0.24	(0-20)	SD Lot-Sample #: A9J240135-007 MCAWW 160.3 MOD	10/27-10/28/09	930029

Dilution Factor: 1

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact		Client Project Manager:		Site Contact:		Lab Contact:		COC No:	
Company Name: CRA		STAVIS VOSS							
Address:		Telephone:		Telephone:		Telephone:		_____ of _____ COCs	
City/State/Zip: ST. Paul, MN 55112		Email: SVOSS@CRAWORK.COM		TAT if different from below _____		Analyses		For lab use only	
Phone: 651-639-0913		Method of Shipment/Carrier: Fed Ex overnight		<input type="checkbox"/> 3 weeks <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input checked="" type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Total Pb + Cd Total PCBs TCLP Pb TCLP Cd		Walk-in client <input type="checkbox"/> Lab pickup <input type="checkbox"/> Lab sampling <input type="checkbox"/> For SOG use	
Project Name: Jefferson Yard		Shipping/Tracking No:							
Project Number: 054633									
PO #									
Sample Identification		Sample Date		Sample Time		Matrix		Containers & Preservatives	
						Air, Aqueous, Sediment, Solid, Other:		H2SO4, HNO3, HCl, NaOH, ZnAc/NaOH, Unpres, Other:	
S-091023-PS-502-B1		10/23/09		1145		X		G X X X X	
-502-B2		1150		X				X X X X	
-502-B3		1155		X				X X X X	
-502-S1		1200		X				X X X X	
-502-S2		1205		X				X X X X	
-502-S3		1210		X				X X X X	
-504-B1		1140		X				X X X X	
-504-B2		1140		X				X X X X	
-JSS10-S1		1330		X				X X X X	
-JSS10-B1		1330		X				X X X X	
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months							
Special Instructions/QC Requirements & Comments:									
Relinquished by: [Signature]		Company: CRA		Date/Time: 10/23/09 1630		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: Lisa Mills		Company: Test America	
								Date/Time: 10:00 10-24-09	

Regulatory program:

☐ Other

COC No:

of _____ COCs

**Sample Specific Notes /
Special Instructions:**

Possible Hazard Identification

 Non-Hazard☐ Flammable☐ Skin Irritant☐ Poison B☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client☐ Disposal By Lab☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:

Company:

Date/Time:

Received by:

Company:

Date/Time: _____

Relinquished by:

Company:

Date/Time:

Received by:

Company:

Date/Time:

Relinquished by:

Company:

Date/Time:

Received in Laboratory by:

Company:

Date/Time:

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TAL-0018 (1008)

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: A9-240135

Client CRA Project Jefferson yard By: Yusa Mills
Cooler Received on 10-24-09 Opened on 10-24-09 (Signature)
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other ☐
TestAmerica Cooler # 4610 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other ☐
1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
If YES, Quantity 2 Quantity Unsalvageable _____
Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
Were custody seals on the bottle(s)? Yes ☐ No ☒
If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other cardboard
6. Cooler temperature upon receipt 5.4 °C See back of form for multiple coolers/temps ☐
METHOD: IR ☒ Other ☐
COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☒ 4m 10-24-09
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒
Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 031909-HNO₃; Sulfuric Acid Lot# 082509-H₂SO₄; Sodium Hydroxide Lot# 100108-NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH₃COO)₂ZN/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
4J-091023-PS-RB1	4.2	10-24-09	2m

[illegible]

END OF REPORT

**ANALYTICAL REPORT**

Grant Anderson
Conestoga-Rovers & Associates, Inc.
PROJECT NO. 54633
Jefferson Yard

SAMPLE SUMMARY

<u>WO #</u>	<u>LABORATORY ID</u>	<u>SAMPLE IDENTIFICATION</u>
LNDX2	A9J280123-001	S-091027-PS-JSS7-B1
LNDX7	A9J280123-002	S-091027-PS-JSS8-B1
LNDX8	A9J280123-003	S-091027-PS-JSS8-B2
LNDX9	A9J280123-004	S-091027-PS-JSS9-S1
LND0A	A9J280123-005	S-091027-PS-JSS9-S2
LND0C	A9J280123-006	S-091027-PS-JSS9-S3
LND0D	A9J280123-007	S-091027-PS-JSS9-B1
LND0E	A9J280123-008	S-091027-PS-JSS9-B2
LND0F	A9J280123-009	S-091027-PS-JSS9-B3 dup of JSS9-B2
LND0G	A9J280123-010	S-091027-PS-JB1-B1
LND0H	A9J280123-011	W-091027-PS-RB2

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager
denise.heckler@testamericainc.com

Approved for release.
Denise D. Heckler
Project Manager
11/4/2009 2:10 PM

November 04, 2009**TestAmerica Laboratories, Inc.**

TestAmerica North Canton 4101 Shuffel Street NW, North Canton, OH 44720
Tel (330)497-9396 Fax (330)497-0772 www.testamericainc.com



CASE NARRATIVE

A9J280123

The following report contains the analytical results for ten solid samples and one water sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the Jefferson Yard Site, project number 54633. The samples were received October 28, 2009, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 3.6°C.

POLYCHLORINATED BIPHENYLS-8082

The matrix spike/matrix spike duplicate(s) for batch(es) 9301359 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The QC batch associated with batch 9302012 for the Metals analysis is reported without an MS/MSD. The MS/MSD was performed on another client's sample within the batch. The MS/MSD result does not have immediate bearing on any samples except for the actual sample spiked. Ongoing evaluation and monitoring of the LCS provides long-term precision and accuracy for the method.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the reparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

<u>Volatile (GC or GC/MS)</u>	<u>Semivolatile (GC/MS)</u>	<u>Metals ICP-MS</u>	<u>Metals ICP Trace</u>
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

QUALITY CONTROL ELEMENTS NARRATIVE (continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.
- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the reparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225), Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), NAVY, ARMY, USDA Soil Permit



EXECUTIVE SUMMARY - Detection Highlights

A9J280123

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-091027-PS-JSS7-B1 10/27/09 13:37 001				
Lead	5.5	0.32	mg/kg	SW846 6010B
Cadmium	0.18 B	0.53	mg/kg	SW846 6010B
Percent Solids	93.7	10.0	%	MCAWW 160.3 MOD
S-091027-PS-JSS8-B1 10/27/09 13:42 002				
Lead	4.8	0.32	mg/kg	SW846 6010B
Cadmium	0.16 B	0.54	mg/kg	SW846 6010B
Percent Solids	93.2	10.0	%	MCAWW 160.3 MOD
S-091027-PS-JSS8-B2 10/27/09 13:43 003				
Aroclor 1248	2200	390	ug/kg	SW846 8082
Aroclor 1260	430	390	ug/kg	SW846 8082
Lead	25.6	0.35	mg/kg	SW846 6010B
Cadmium	1.0	0.59	mg/kg	SW846 6010B
Percent Solids	85.4	10.0	%	MCAWW 160.3 MOD
S-091027-PS-JSS9-S1 10/27/09 14:00 004				
Lead	20.8	0.36	mg/kg	SW846 6010B
Cadmium	1.9	0.60	mg/kg	SW846 6010B
Percent Solids	83.1	10.0	%	MCAWW 160.3 MOD
S-091027-PS-JSS9-S2 10/27/09 14:05 005				
Aroclor 1242	130	36	ug/kg	SW846 8082
Aroclor 1254	90	36	ug/kg	SW846 8082
Lead - TCLP	0.69	0.50	mg/L	SW846 6010B
Lead	464	0.33	mg/kg	SW846 6010B
Cadmium	5.6	0.55	mg/kg	SW846 6010B
Percent Solids	91.3	10.0	%	MCAWW 160.3 MOD
S-091027-PS-JSS9-S3 10/27/09 14:06 006				
Aroclor 1260	84	38	ug/kg	SW846 8082
Lead	281	0.34	mg/kg	SW846 6010B
Cadmium	2.2	0.57	mg/kg	SW846 6010B
Percent Solids	88.0	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A9J280123

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-091027-PS-JSS9-B1 10/27/09 14:08 007				
Lead	12.8	0.34	mg/kg	SW846 6010B
Cadmium	0.096 B	0.57	mg/kg	SW846 6010B
Percent Solids	87.3	10.0	%	MCAWW 160.3 MOD
S-091027-PS-JSS9-B2 10/27/09 14:20 008				
Aroclor 1242	250	38	ug/kg	SW846 8082
Aroclor 1254	210	38	ug/kg	SW846 8082
Lead	343	1.7	mg/kg	SW846 6010B
Cadmium	1.1	0.57	mg/kg	SW846 6010B
Percent Solids	87.7	10.0	%	MCAWW 160.3 MOD
S-091027-PS-JSS9-B3 10/27/09 14:20 009				
Aroclor 1242	280	37	ug/kg	SW846 8082
Aroclor 1254	180	37	ug/kg	SW846 8082
Lead	628	0.34	mg/kg	SW846 6010B
Cadmium	2.4	0.56	mg/kg	SW846 6010B
Percent Solids	89.3	10.0	%	MCAWW 160.3 MOD
S-091027-PS-JB1-B1 10/27/09 14:15 010				
Lead	3.3	0.32	mg/kg	SW846 6010B
Cadmium	0.059 B	0.53	mg/kg	SW846 6010B
Percent Solids	93.6	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A9J280123

PARAMETER	ANALYTICAL METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B

References:

- MCAWW "Methods for Chemical Analysis of Water and Wastes",
EPA-600/4-79-020, March 1983 and subsequent revisions.
- SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical
Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A9J280123

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LNDX2	001	S-091027-PS-JSS7-B1	10/27/09	13:37
LNDX7	002	S-091027-PS-JSS8-B1	10/27/09	13:42
LNDX8	003	S-091027-PS-JSS8-B2	10/27/09	13:43
LNDX9	004	S-091027-PS-JSS9-S1	10/27/09	14:00
LND0A	005	S-091027-PS-JSS9-S2	10/27/09	14:05
LND0C	006	S-091027-PS-JSS9-S3	10/27/09	14:06
LND0D	007	S-091027-PS-JSS9-B1	10/27/09	14:08
LND0E	008	S-091027-PS-JSS9-B2	10/27/09	14:20
LND0F	009	S-091027-PS-JSS9-B3	10/27/09	14:20
LND0G	010	S-091027-PS-JB1-B1	10/27/09	14:15
LND0H	011	W-091027-PS-RB2	10/27/09	13:00

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS7-B1

GC Semivolatiles

Lot-Sample #....: A9J280123-001 Work Order #....: LNDX21AA Matrix.....: SO
Date Sampled....: 10/27/09 13:37 Date Received...: 10/28/09
Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
Prep Batch #....: 9301359
Dilution Factor: 1
% Moisture.....: 6.3 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	22
Aroclor 1221	ND	35	ug/kg	17
Aroclor 1232	ND	35	ug/kg	15
Aroclor 1242	ND	35	ug/kg	14
Aroclor 1248	ND	35	ug/kg	18
Aroclor 1254	ND	35	ug/kg	18
Aroclor 1260	ND	35	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	60	(10 - 196)
Decachlorobiphenyl	79	(10 - 199)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS7-B1

TOTAL Metals

Lot-Sample #...: A9J280123-001

Matrix.....: SO

Date Sampled...: 10/27/09 13:37 Date Received...: 10/28/09

% Moisture.....: 6.3

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...	9302031					
Cadmium	0.18 B	0.53	mg/kg	SW846 6010B	10/29-10/30/09	LNDX21AC
		Dilution Factor: 1		MDL.....: 0.038		
Lead	5.5	0.32	mg/kg	SW846 6010B	10/29-10/30/09	LNDX21AD
		Dilution Factor: 1		MDL.....: 0.20		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS7-B1

TCLP Metals

Lot-Sample #....: A9J280123-001 Matrix.....: SO
 Date Sampled....: 10/27/09 13:37 Date Received...: 10/28/09
 Leach Date.....: 10/29/09 Leach Batch #...: P930204

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #....: 9303020						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/30-10/31/09	LNDX21
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/30-10/31/09	LNDX21
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE(S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS7-B1

General Chemistry

Lot-Sample #...: A9J280123-001 Work Order #...: LNDX2 Matrix.....: SO
Date Sampled...: 10/27/09 13:37 Date Received...: 10/28/09
% Moisture.....: 6.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	93.7	10.0	%	MCAWW 160.3 MOD	10/28-10/29/09	9301302
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS8-B1

GC Semivolatiles

Lot-Sample #....: A9J280123-002 Work Order #....: LNDX71AA Matrix.....: SO
Date Sampled....: 10/27/09 13:42 Date Received...: 10/28/09
Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
Prep Batch #....: 9301359
Dilution Factor: 1
% Moisture.....: 6.8 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	23
Aroclor 1221	ND	35	ug/kg	17
Aroclor 1232	ND	35	ug/kg	15
Aroclor 1242	ND	35	ug/kg	14
Aroclor 1248	ND	35	ug/kg	18
Aroclor 1254	ND	35	ug/kg	18
Aroclor 1260	ND	35	ug/kg	18
	PERCENT RECOVERY	RECOVERY LIMITS		
Tetrachloro-m-xylene	60	(10 - 196)		
Decachlorobiphenyl	90	(10 - 199)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS8-B1

TOTAL Metals

Lot-Sample #....: A9J280123-002

Matrix.....: SO

Date Sampled....: 10/27/09 13:42 Date Received...: 10/28/09

% Moisture.....: 6.8

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 9302031						
Cadmium	0.16 B	0.54	mg/kg	SW846 6010B	10/29-10/30/09	LNDX71AC
		Dilution Factor: 1		MDL.....: 0.039		
Lead	4.8	0.32	mg/kg	SW846 6010B	10/29-10/30/09	LNDX71AD
		Dilution Factor: 1		MDL.....: 0.20		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS8-B1

TCLP Metals

Lot-Sample #....: A9J280123-002

Matrix.....: SO

Date Sampled....: 10/27/09 13:42 Date Received...: 10/28/09

Leach Date.....: 10/29/09 Leach Batch #...: P930204

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #....: 9303020						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/30-10/31/09	LNDX71A
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/30-10/31/09	LNDX71A
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE(S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS8-B1

General Chemistry

Lot-Sample #....: A9J280123-002 Work Order #....: LNDX7 Matrix.....: SO
Date Sampled....: 10/27/09 13:42 Date Received...: 10/28/09
% Moisture.....: 6.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	93.2	10.0	%	MCAWW 160.3 MOD	10/28-10/29/09	9301302
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS8-B2

GC Semivolatiles

Lot-Sample #....: A9J280123-003 Work Order #....: LNDX81AA Matrix.....: SO
 Date Sampled....: 10/27/09 13:43 Date Received...: 10/28/09
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #....: 9301359
 Dilution Factor: 10
 % Moisture.....: 15 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	390	ug/kg	250
Aroclor 1221	ND	390	ug/kg	190
Aroclor 1232	ND	390	ug/kg	160
Aroclor 1242	ND	390	ug/kg	150
Aroclor 1248	2200	390	ug/kg	200
Aroclor 1254	ND	390	ug/kg	200
Aroclor 1260	430	390	ug/kg	200
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Tetrachloro-m-xylene	79 DIL	(10 - 196)		
Decachlorobiphenyl	113 DIL	(10 - 199)		

NOTE (S) :

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.
 Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS8-B2

TOTAL Metals

Lot-Sample #....: A9J280123-003

Matrix.....: SO

Date Sampled....: 10/27/09 13:43 Date Received...: 10/28/09

% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 9302031						
Cadmium	1.0	0.59	mg/kg	SW846 6010B	10/29-10/30/09	LNDX81AC
		Dilution Factor: 1		MDL.....: 0.042		
Lead	25.6	0.35	mg/kg	SW846 6010B	10/29-10/30/09	LNDX81AD
		Dilution Factor: 1		MDL.....: 0.22		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS8-B2

TCLP Metals

Lot-Sample #....: A9J280123-003

Matrix.....: SO

Date Sampled....: 10/27/09 13:43 Date Received...: 10/28/09

Leach Date.....: 10/29/09 Leach Batch #...: P930204

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #....: 9303020						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/30-10/31/09	LNDX81
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/30-10/31/09	LNDX81
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS8-B2

General Chemistry

Lot-Sample #...: A9J280123-003 Work Order #...: LNDX8 Matrix.....: SO
Date Sampled...: 10/27/09 13:43 Date Received...: 10/28/09
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	85.4	10.0	%	MCAWW 160.3 MOD	10/28-10/29/09	9301302
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-S1

GC Semivolatiles

Lot-Sample #....: A9J280123-004 Work Order #....: LNDX91AA Matrix.....: SO
 Date Sampled....: 10/27/09 14:00 Date Received...: 10/28/09
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #....: 9301359
 Dilution Factor: 1
 % Moisture.....: 17 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	25
Aroclor 1221	ND	40	ug/kg	19
Aroclor 1232	ND	40	ug/kg	17
Aroclor 1242	ND	40	ug/kg	16
Aroclor 1248	ND	40	ug/kg	20
Aroclor 1254	ND	40	ug/kg	20
Aroclor 1260	ND	40	ug/kg	20
	PERCENT	RECOVERY		
SURROGATE	RECOVERY	LIMITS		
Tetrachloro-m-xylene	57	(10 - 196)		
Decachlorobiphenyl	59	(10 - 199)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-S1

TOTAL Metals

Lot-Sample #: A9J280123-004

Matrix.....: SO

Date Sampled...: 10/27/09 14:00 Date Received...: 10/28/09

% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #: 9302031						
Cadmium	1.9	0.60	mg/kg	SW846 6010B	10/29-10/30/09	LNDX91AC
		Dilution Factor: 1		MDL.....: 0.043		
Lead	20.8	0.36	mg/kg	SW846 6010B	10/29-10/30/09	LNDX91AD
		Dilution Factor: 1		MDL.....: 0.23		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-S1

TCLP Metals

Lot-Sample #...: A9J280123-004

Matrix.....: SO

Date Sampled...: 10/27/09 14:00 Date Received...: 10/28/09

Leach Date.....: 10/29/09 Leach Batch #...: P930204

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...: 9303020						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/30-10/31/09	LNDX91
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/30-10/31/09	LNDX917
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE(S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-S1

General Chemistry

Lot-Sample #: A9J280123-004 Work Order #: LNDX9 Matrix: SO
Date Sampled: 10/27/09 14:00 Date Received: 10/28/09
% Moisture: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	83.1	10.0	%	MCAWW 160.3 MOD	10/28-10/29/09	9301302
		Dilution Factor: 1		MDL: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-S2

GC Semivolatiles

Lot-Sample #....: A9J280123-C05 Work Order #....: LND0A1AA Matrix.....: SO
Date Sampled....: 10/27/09 14:05 Date Received...: 10/28/09
Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
Prep Batch #....: 9301359
Dilution Factor: 1
% Moisture.....: 8.7 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	18
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	130	36	ug/kg	14
Aroclor 1248	ND	36	ug/kg	19
Aroclor 1254	90	36	ug/kg	19
Aroclor 1260	ND	36	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	63	(10 - 196)
Decachlorobiphenyl	99	(10 - 199)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-S2

TOTAL Metals

Lot-Sample #...: A9J280123-005

Matrix.....: SO

Date Sampled...: 10/27/09 14:05 Date Received...: 10/28/09

% Moisture.....: 8.7

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9302031						
Cadmium	5.6	0.55	mg/kg	SW846 6010B	10/29-10/30/09	LND0A1AC
		Dilution Factor: 1		MDL.....: 0.039		
Lead	464	0.33	mg/kg	SW846 6010B	10/29-10/30/09	LND0A1AD
		Dilution Factor: 1		MDL.....: 0.21		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-S2

TCLP Metals

Lot-Sample #...: A9J280123-005

Matrix.....: SO

Date Sampled...: 10/27/09 14:05 Date Received...: 10/28/09

Leach Date.....: 10/29/09 Leach Batch #...: P930204

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...: 9303020						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/30-10/31/09	LND0A1
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	0.69	0.50	mg/L	SW846 6010B	10/30-10/31/09	LND0A1
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-S2

General Chemistry

Lot-Sample #....: A9J280123-005 Work Order #....: LND0A Matrix.....: SO
Date Sampled....: 10/27/09 14:05 Date Received...: 10/28/09
% Moisture.....: 8.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	91.3	10.0	%	MCAWW 160.3 MOD	10/28-10/29/09	9301302
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-S3

GC Semivolatiles

Lot-Sample #....: A9J280123-C06 Work Order #....: LND0C1AA Matrix.....: SO
 Date Sampled....: 10/27/09 14:06 Date Received...: 10/28/09
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #....: 9301359
 Dilution Factor: 1
 % Moisture.....: 12 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	24
Aroclor 1221	ND	38	ug/kg	18
Aroclor 1232	ND	38	ug/kg	16
Aroclor 1242	ND	38	ug/kg	15
Aroclor 1248	ND	38	ug/kg	19
Aroclor 1254	ND	38	ug/kg	19
Aroclor 1260	84	38	ug/kg	19
	PERCENT	RECOVERY		
SURROGATE	RECOVERY	LIMITS		
Tetrachloro-m-xylene	76	(10 - 196)		
Decachlorobiphenyl	125	(10 - 199)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-S3

TOTAL Metals

Lot-Sample #: A9J280123-006

Matrix.....: SO

Date Sampled...: 10/27/09 14:06 Date Received...: 10/28/09

% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...	9302031					
Cadmium	2.2	0.57	mg/kg	SW846 6010B	10/29-10/30/09	LND0C1AC
		Dilution Factor: 1		MDL.....: 0.041		
Lead	281	0.34	mg/kg	SW846 6010B	10/29-10/30/09	LND0C1AD
		Dilution Factor: 1		MDL.....: 0.22		

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-S3

TCLP Metals

Lot-Sample #....: A9J280123-0C6

Matrix.....: SO

Date Sampled....: 10/27/09 14:06 Date Received...: 10/28/09

Leach Date.....: 10/29/09 Leach Batch #...: P930204

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #....: 9303020						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/30-10/31/09	LND0C1
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/30-10/31/09	LND0C1
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-S3

General Chemistry

Lot-Sample #....: A9J280123-006 Work Order #....: LND0C Matrix.....: SO
Date Sampled....: 10/27/09 14:06 Date Received...: 10/28/09
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	88.0	10.0	%	MCAWW 160.3 MOD	10/28-10/29/09	9301302
			Dilution Factor: 1	MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-B1

GC Semivolatiles

Lot-Sample #....: A9J280123-007 Work Order #....: LND0D1AA Matrix.....: SO
 Date Sampled....: 10/27/09 14:08 Date Received...: 10/28/09
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #....: 9301359
 Dilution Factor: 1
 % Moisture.....: 13 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	24
Aroclor 1221	ND	38	ug/kg	18
Aroclor 1232	ND	38	ug/kg	16
Aroclor 1242	ND	38	ug/kg	15
Aroclor 1248	ND	38	ug/kg	19
Aroclor 1254	ND	38	ug/kg	19
Aroclor 1260	ND	38	ug/kg	19
	PERCENT RECOVERY	RECOVERY LIMITS		
Tetrachloro-m-xylene	73	(10 - 196)		
Decachlorobiphenyl	87	(10 - 199)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-B1

TOTAL Metals

Lot-Sample #....: A9J280123-007

Matrix.....: SO

Date Sampled....: 10/27/09 14:08 Date Received...: 10/28/09

% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 9302031						
Cadmium	0.096 B	0.57	mg/kg	SW846 6010B	10/29-10/30/09	LND0D1AC
		Dilution Factor: 1		MDL.....: 0.041		
Lead	12.8	0.34	mg/kg	SW846 6010B	10/29-10/30/09	LND0D1AD
		Dilution Factor: 1		MDL.....: 0.22		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-B1

TCLP Metals

Lot-Sample #...: A9J280123-007

Matrix.....: SO

Date Sampled...: 10/27/09 14:08 Date Received...: 10/28/09

Leach Date.....: 10/29/09 Leach Batch #...: P930204

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...: 9303020						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/30-10/31/09	LND0D1
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/30-10/31/09	LND0D1
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-B1

General Chemistry

Lot-Sample #...: A9J280123-007 Work Order #...: LND0D Matrix.....: SO
Date Sampled...: 10/27/09 14:08 Date Received...: 10/28/09
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	87.3	10.0	%	MCAWW 160.3 MOD	10/28-10/29/09	9301302
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-B2

GC Semivolatiles

Lot-Sample #....: A9J280123-008 Work Order #....: LND0E1AA Matrix.....: SO
 Date Sampled...: 10/27/09 14:20 Date Received...: 10/28/09
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #....: 9301359
 Dilution Factor: 1
 % Moisture.....: 12 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	24
Aroclor 1221	ND	38	ug/kg	18
Aroclor 1232	ND	38	ug/kg	16
Aroclor 1242	250	38	ug/kg	15
Aroclor 1248	ND	38	ug/kg	19
Aroclor 1254	210	38	ug/kg	19
Aroclor 1260	ND	38	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 196)
Decachlorobiphenyl	93	(10 - 199)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-B2

TOTAL Metals

Lot-Sample #....: A9J280123-008

Matrix.....: SO

Date Sampled....: 10/27/09 14:20 Date Received...: 10/28/09

% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 9302031						
Cadmium	1.1	0.57	mg/kg	SW846 6010B	10/29-10/30/09	LND0E1AC
		Dilution Factor: 1		MDL.....: 0.041		
Lead	343	1.7	mg/kg	SW846 6010B	10/29-10/30/09	LND0E1AD
		Dilution Factor: 5		MDL.....: 1.1		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-B2

TCLP Metals

Lot-Sample #....: A9J280123-008

Matrix.....: SO

Date Sampled....: 10/27/09 14:20 Date Received...: 10/28/09

Leach Date.....: 10/29/09 Leach Batch #...: P930204

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #....: 9303020						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/30-10/31/09	LND0E1
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/30-10/31/09	LND0E1
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE(S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-B2

General Chemistry

Lot-Sample #....: A9J280123-008 Work Order #....: LND0E Matrix.....: SO
Date Sampled....: 10/27/09 14:20 Date Received...: 10/28/09
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	87.7	10.0	%	MCAWW 160.3 MOD	10/28-10/29/09	9301302
Dilution Factor: 1				MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

dup of JSS9-B2

Client Sample ID: S-091027-PS-JSS9-B3

GC Semivolatiles

Lot-Sample #....: A9J280123-009 Work Order #....: LND0F1AA Matrix.....: SO
 Date Sampled....: 10/27/09 14:20 Date Received...: 10/28/09
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #....: 9301359
 Dilution Factor: 1
 % Moisture.....: 11 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	24
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	280	37	ug/kg	15
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	180	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Tetrachloro-m-xylene	69	(10 - 196)		
Decachlorobiphenyl	84	(10 - 199)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-B3

TOTAL Metals

Lot-Sample #....: A9J280123-009

Matrix.....: SO

Date Sampled...: 10/27/09 14:20 Date Received...: 10/28/09

% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 9302031						
Cadmium	2.4	0.56	mg/kg	SW846 6010B	10/29-10/30/09	LND0F1AC
		Dilution Factor: 1		MDL.....: 0.040		
Lead	628	0.34	mg/kg	SW846 6010B	10/29-10/30/09	LND0F1AD
		Dilution Factor: 1		MDL.....: 0.21		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-B3

TCLP Metals

Lot-Sample #...: A9J280123-009

Matrix.....: SO

Date Sampled...: 10/27/09 14:20 Date Received...: 10/28/09

Leach Date.....: 10/29/09 Leach Batch #...: P930204

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...: 9303020						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/30-10/31/09	LND0F1.
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/30-10/31/09	LND0F1.
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JSS9-B3

General Chemistry

Lot-Sample #....: A9J280123-009 Work Order #....: LND0F Matrix.....: SO
Date Sampled...: 10/27/09 14:20 Date Received...: 10/28/09
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	89.3	10.0	%	MCAWW 160.3 MOD	10/28-10/29/09	9301302
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JB1-B1

GC Semivolatiles

Lot-Sample #....: A9J280123-010 Work Order #....: LND0G1AA Matrix.....: SO
Date Sampled....: 10/27/09 14:15 Date Received...: 10/28/09
Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
Prep Batch #....: 9301359
Dilution Factor: 1
% Moisture.....: 6.4 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	22
Aroclor 1221	ND	35	ug/kg	17
Aroclor 1232	ND	35	ug/kg	15
Aroclor 1242	ND	35	ug/kg	14
Aroclor 1248	ND	35	ug/kg	18
Aroclor 1254	ND	35	ug/kg	18
Aroclor 1260	ND	35	ug/kg	18
	PERCENT RECOVERY	RECOVERY LIMITS		
Tetrachloro-m-xylene	68	(10 - 196)		
Decachlorobiphenyl	85	(10 - 199)		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JB1-B1

TOTAL Metals

Lot-Sample #...: A9J280123-010

Matrix.....: SO

Date Sampled...: 10/27/09 14:15 Date Received...: 10/28/09

% Moisture.....: 6.4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...	9302031					
Cadmium	0.059 B	0.53	mg/kg	SW846 6010B	10/29-10/30/09	LND0G1AC
		Dilution Factor: 1		MDL.....: 0.038		
Lead	3.3	0.32	mg/kg	SW846 6010B	10/29-10/30/09	LND0G1AD
		Dilution Factor: 1		MDL.....: 0.20		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JB1-B1

TCLP Metals

Lot-Sample #....: A9J280123-010

Matrix.....: SO

Date Sampled....: 10/27/09 14:15 Date Received...: 10/28/09

Leach Date.....: 10/29/09 Leach Batch #...: P930204

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #....: 9303020						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/30-10/31/09	LND0G1
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	10/30-10/31/09	LND0G1
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE(S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091027-PS-JB1-B1

General Chemistry

Lot-Sample #...: A9J280123-010 Work Order #...: LND0G Matrix.....: SO
Date Sampled...: 10/27/09 14:15 Date Received...: 10/28/09
% Moisture.....: 6.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	93.6	10.0	%	MCAWW 160.3 MOD	10/28-10/29/09	9301302
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

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Client Sample ID: W-091027-PS-RB2

GC Semivolatiles

Lot-Sample #....: A9J280123-011 Work Order #....: LND0H1AA Matrix.....: WQ
 Date Sampled....: 10/27/09 13:00 Date Received...: 10/28/09
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #....: 9301358
 Dilution Factor: 1 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.17
Aroclor 1221	ND	1.0	ug/L	0.13
Aroclor 1232	ND	1.0	ug/L	0.16
Aroclor 1242	ND	1.0	ug/L	0.22
Aroclor 1248	ND	1.0	ug/L	0.10
Aroclor 1254	ND	1.0	ug/L	0.16
Aroclor 1260	ND	1.0	ug/L	0.17
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Tetrachloro-m-xylene	54	(27 - 130)		
Decachlorobiphenyl	33	(10 - 127)		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: W-091027-PS-RB2

TOTAL Metals

Lot-Sample #...: A9J280123-011

Matrix.....: WQ

Date Sampled...: 10/27/09 13:00 Date Received...: 10/28/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9302012						
Cadmium	ND	5.0	ug/L	SW846 6010B	10/29/09	LND0H1AC
		Dilution Factor: 1		MDL.....: 0.66		
Lead	ND	3.0	ug/L	SW846 6010B	10/29/09	LND0H1AD
		Dilution Factor: 1		MDL.....: 1.9		

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A9J280123
 MB Lot-Sample #: A9J280000-358

Work Order #...: LNER61AA

Matrix.....: WATER

Analysis Date...: 10/29/09
 Dilution Factor: 1

Prep Date.....: 10/28/09

Prep Batch #...: 9301358

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Aroclor 1016	ND	1.0	ug/L	SW846 8082
Aroclor 1221	ND	1.0	ug/L	SW846 8082
Aroclor 1232	ND	1.0	ug/L	SW846 8082
Aroclor 1242	ND	1.0	ug/L	SW846 8082
Aroclor 1248	ND	1.0	ug/L	SW846 8082
Aroclor 1254	ND	1.0	ug/L	SW846 8082
Aroclor 1260	ND	1.0	ug/L	SW846 8082
		PERCENT	RECOVERY	
SURROGATE		RECOVERY	LIMITS	
Tetrachloro-m-xylene	72		(27 - 130)	
Decachlorobiphenyl	68		(10 - 127)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #....: A9J280123

Work Order #....: LNER71AA

Matrix.....: SOLID

MB Lot-Sample #: A9J280000-359

Prep Date.....: 10/28/09

Analysis Date...: 10/29/09

Prep Batch #....: 9301359

Dilution Factor: 1

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082
		PERCENT	RECOVERY	
SURROGATE		RECOVERY	LIMITS	
Tetrachloro-m-xylene	84		(10 - 196)	
Decachlorobiphenyl	103		(10 - 199)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A9J280123

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A9J290000-012 Prep Batch #... : 9302012						
Cadmium	ND	5.0	ug/L	SW846 6010B	10/29/09	LNF061AX
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	10/29/09	LNF061A0
		Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: A9J280123

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
MB Lot-Sample #: A9J290000-031 Prep Batch #....: 9302031						
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/29-10/30/09	LNF2C1.
		Dilution Factor: 1				
Lead	ND	0.30	mg/kg	SW846 6010B	10/29-10/30/09	LNF2C1.
		Dilution Factor: 1				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #....: A9J280123

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A9J290000-283 Prep Batch #....: 9303020 Leach Date.....: 10/29/09 Leach Batch #...: P930204						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/30-10/31/09	LNGVD1AA
Dilution Factor: 1						
Lead	ND	0.50	mg/L	SW846 6010B	10/30-10/31/09	LNGVD1AC
Dilution Factor: 1						

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #....: A9J280123

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
MB Lot-Sample #: A9J300000-020 Prep Batch #....: 9303020						
Cadmium	ND	0.10	mg/L	SW846 6010B	10/30-10/31/09	LNJDV1
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	10/30-10/31/09	LNJDV1
		Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A9J280123

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	ND	Work Order #: LNECG1AA 10.0	%	MB Lot-Sample #: MCAWW 160.3 MOD	A9J280000-302 10/28-10/29/09	9301302
Dilution Factor: 1						

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: A9J280123 Work Order #....: LNER61AC Matrix.....: WATER
 LCS Lot-Sample#: A9J280000-358
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #....: 9301358
 Dilution Factor: 2

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Aroclor 1016	77	(44 - 119)	SW846 8082
Aroclor 1260	96	(41 - 118)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	78	(27 - 130)
Decachlorobiphenyl	54	(10 - 127)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: A9J280123 Work Order #....: LNER61AC Matrix.....: WATER
 LCS Lot-Sample#: A9J280000-358
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #....: 9301358
 Dilution Factor: 2

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
Aroclor 1016	10	7.7	ug/L	77	SW846 8082
Aroclor 1260	10	9.6	ug/L	96	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	78	(27 - 130)
Decachlorobiphenyl	54	(10 - 127)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: A9J280123 Work Order #....: LNER71AC Matrix.....: SOLID
 LCS Lot-Sample#: A9J280000-359
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #....: 9301359
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Aroclor 1016	77	(34 - 127)	SW846 8082
Aroclor 1260	90	(32 - 141)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	80	(10 - 196)
Decachlorobiphenyl	101	(10 - 199)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: A9J280123 Work Order #....: LNER71AC Matrix.....: SOLID
 LCS Lot-Sample#: A9J280000-359
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #....: 9301359
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
Aroclor 1016	330	260	ug/kg	77	SW846 8082
Aroclor 1260	330	300	ug/kg	90	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	80	(10 - 196)
Decachlorobiphenyl	101	(10 - 199)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A9J280123

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J290000-012 Prep Batch #...: 9302012					
Cadmium	101	(30 - 120)	SW846 6010B	10/29/09	LNF061CW
		Dilution Factor: 1			
Lead	102	(30 - 120)	SW846 6010B	10/29/09	LNF061CX
		Dilution Factor: 1			

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: A9J280123

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J290000-012 Prep Batch #....: 9302012							
Cadmium	50.0	50.6	ug/L	101	SW846 6010B	10/29/09	LNf061CW
			Dilution Factor: 1				
Lead	500	508	ug/L	102	SW846 6010B	10/29/09	LNf061CX
			Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: A9J280123

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J290000-031 Prep Batch #....: 9302031					
Cadmium	98	(80 - 120)	SW846 6010B	10/29-10/30/09	LNF2C1AD
		Dilution Factor: 1			
Lead	98	(80 - 120)	SW846 6010B	10/29-10/30/09	LNF2C1AE
		Dilution Factor: 1			

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A9J280123

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J290000-031 Prep Batch #...: 9302031							
Cadmium	5.0	4.9	mg/kg	98	SW846 6010B	10/29-10/30/09	LNF2C1AD
			Dilution Factor: 1				
Lead	50.0	48.9	mg/kg	98	SW846 6010B	10/29-10/30/09	LNF2C1AE
			Dilution Factor: 1				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #....: A9J280123

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: A9J300000-020 Prep Batch #....: 9303020					
Cadmium	107	(50 - 150)	SW846 6010B	10/30-10/31/09	LNJDVIAR
		Dilution Factor: 1			
Lead	107	(50 - 150)	SW846 6010B	10/30-10/31/09	LNJDVIAU
		Dilution Factor: 1			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: A9J280123

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J300000-020 Prep Batch #...: 9303020							
Cadmium	0.050	0.053	mg/L	107	SW846 6010B	10/30-10/31/09	LNJDV1AR
Dilution Factor: 1							
Lead	0.50	0.54	mg/L	107	SW846 6010B	10/30-10/31/09	LNJDV1AU
Dilution Factor: 1							

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: A9J280123 Work Order #....: LNDXH1CR-MS Matrix.....: WATER
 MS Lot-Sample #: A9J280120-002 LNDXH1CT-MSD
 Date Sampled...: 10/27/09 11:15 Date Received...: 10/28/09
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #....: 9301358
 Dilution Factor: 2

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	77	(10 - 166)			SW846 8082
	79	(10 - 166)	1.6	(0-30)	SW846 8082
Aroclor 1260	87	(21 - 140)			SW846 8082
	91	(21 - 140)	5.0	(0-30)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(27 - 130)
	81	(27 - 130)
Decachlorobiphenyl	67	(10 - 127)
	69	(10 - 127)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: A9J280123 Work Order #....: LNDXH1CR-MS Matrix.....: WATER
 MS Lot-Sample #: A9J280120-002 LNDXH1CT-MSD
 Date Sampled...: 10/27/09 11:15 Date Received...: 10/28/09
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #....: 9301358
 Dilution Factor: 2

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1015	ND	20	15	ug/L	77		SW846 8082
	ND	20	16	ug/L	79	1.6	SW846 8082
Aroclor 1260	ND	20	17	ug/L	87		SW846 8082
	ND	20	18	ug/L	91	5.0	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(27 - 130)
	81	(27 - 130)
Decachlorobiphenyl	67	(10 - 127)
	69	(10 - 127)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A9J280123 Work Order #...: LNDMV1AG-MS Matrix.....: SOLID
 MS Lot-Sample #: A9J280105-001 LNDMV1AH-MSD
 Date Sampled...: 10/27/09 13:30 Date Received...: 10/28/09
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #...: 9301359
 Dilution Factor: 10 % Moisture.....: 22

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	492 DIL,a	(10 - 199)			SW846 8082
	519 DIL,a	(10 - 199)	5.3	(0-30)	SW846 8082
Aroclor 1260	66 DIL	(10 - 199)			SW846 8082
	67 DIL	(10 - 199)	1.9	(0-30)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82 DIL	(10 - 196)
	81 DIL	(10 - 196)
Decachlorobiphenyl	794	(10 - 199)
	Qualifiers: DIL,*	
	879	(10 - 199)
	Qualifiers: DIL,*	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A9J280123 Work Order #...: LNDMV1AG-MS Matrix.....: SOLID
 MS Lot-Sample #: A9J280105-001 LNDMV1AH-MSD
 Date Sampled...: 10/27/09 13:30 Date Received...: 10/28/09
 Prep Date.....: 10/28/09 Analysis Date...: 10/29/09
 Prep Batch #...: 9301359
 Dilution Factor: 10 % Moisture.....: 22

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	ND	420	2100	ug/kg	492		SW846 8082
		Qualifiers: DIL,a					
	ND	430	2200	ug/kg	519	5.3	SW846 8082
		Qualifiers: DIL,a					
Aroclor 1260	ND	420	280	ug/kg	66 DIL		SW846 8082
	ND	430	290	ug/kg	67 DIL 1.9		SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82 DIL	(10 - 196)
	81 DIL	(10 - 196)
Decachlorobiphenyl	794	(10 - 199)
	Qualifiers: DIL,*	
	879	(10 - 199)
	Qualifiers: DIL,*	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A9J280123

Matrix.....: SO

Date Sampled...: 10/27/09 13:37 Date Received...: 10/28/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A9J280123-001 Prep Batch #... : 9302031						
Cadmium	89	(75 - 125)		SW846 6010B	10/29-10/30/09	LNDX21AJ
	90	(75 - 125)	0.99 (0-20)	SW846 6010B	10/29-10/30/09	LNDX21AK
		Dilution Factor: 1				
Lead	88	(75 - 125)		SW846 6010B	10/29-10/30/09	LNDX21AL
	91	(75 - 125)	3.2 (0-20)	SW846 6010B	10/29-10/30/09	LNDX21AM
		Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: A9J280123

Matrix.....: SO

Date Sampled....: 10/27/09 13:37 Date Received...: 10/28/09

PARAMETER	AMOUNT	SAMPLE SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
-----------	--------	---------------------	------------------	-------	-------------------	-----	--------	-------------------------------	-----------------

MS Lot-Sample #: A9J280123-001 Prep Batch #....: 9302031

Cadmium

0.18	5.3	5.0	mg/kg	89		SW846 6010B	10/29-10/30/09	LNDX21AJ
0.18	5.3	5.0	mg/kg	90	0.99	SW846 6010B	10/29-10/30/09	LNDX21AK

Dilution Factor: 1

Lead

5.5	53.4	52.5	mg/kg	88		SW846 6010B	10/29-10/30/09	LNDX21AL
5.5	53.4	54.2	mg/kg	91	3.2	SW846 6010B	10/29-10/30/09	LNDX21AM

Dilution Factor: 1

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A9J280123

Matrix.....: SOLID

Date Sampled...: 10/28/09 10:30 Date Received...: 10/28/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD LIMITS	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A9J280212-001 Prep Batch #... 9303020							
Leach Date.....: 10/29/09 Leach Batch #... P930204							
Cadmium	107	(50 - 150)			SW846 6010B	10/30-10/31/09	LNETJ1A3
	107	(50 - 150)	0.54	(0-20)	SW846 6010B	10/30-10/31/09	LNETJ1A4
Dilution Factor: 5							
Lead	108	(50 - 150)			SW846 6010B	10/30-10/31/09	LNETJ1A7
	110	(50 - 150)	1.3	(0-20)	SW846 6010B	10/30-10/31/09	LNETJ1A8
Dilution Factor: 5							

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #....: A9J280123

Matrix.....: SOLID

Date Sampled....: 10/28/09 10:30 Date Received...: 10/28/09

PARAMETER	AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
-----------	--------	--------------	------------------	-------	------------------	-----	--------	-------------------------------	-----------------

MS Lot-Sample #: A9J280212-001 Prep Batch #....: 9303020

Leach Date.....: 10/29/09 Leach Batch #...: P930204

Cadmium

ND	1.0	1.1	mg/L	107			SW846 6010B	10/30-10/31/09	LNETJ1A3
ND	1.0	1.1	mg/L	107	0.54		SW846 6010B	10/30-10/31/09	LNETJ1A4

Dilution Factor: 5

Lead

0.97	5.0	6.4	mg/L	108			SW846 6010B	10/30-10/31/09	LNETJ1A7
0.97	5.0	6.4	mg/L	110	1.3		SW846 6010B	10/30-10/31/09	LNETJ1A8

Dilution Factor: 5

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A9J280123

Work Order #...: LNDMV-SMP
LNDMV-DUP

Matrix.....: SOLID

Date Sampled...: 10/27/09 13:30 Date Received...: 10/28/09

% Moisture.....: 22

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	78.3	81.5	%	3.9	(0-20)	SD Lot-Sample #: A9J280105-001 MCAWW 160.3 MOD	10/28-10/29/09	93015

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: A9J280123

Work Order #....: LND0G-SMP
LND0G-DUP

Matrix.....: SO

Date Sampled....: 10/27/09 14:15 Date Received...: 10/28/09

% Moisture.....: 6.4

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	93.6	93.5	%	0.029	(0-20)	SD Lot-Sample #: A9J280123-010 MCAWW 160.3 MOD	10/28-10/29/09	9301302

Dilution Factor: 1

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES <i>Steve Voss</i> 651-639-0913			SHIPPED TO (Laboratory Name): <i>Test America</i>			REFERENCE NUMBER: <i>054633</i>			
SAMPLER'S SIGNATURE: <i>[Signature]</i>			PRINTED NAME: <i>Peter Storli</i>			<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> PARAMETERS <i>T. PCB Pb Cd</i> <i>Temp 16-00</i> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> 2 DAY TAT GRAB </div> </div>			
SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers				REMARKS
	10/27/09	1337	S-091027-PS-JSS7-B1	Solid	2	2-DAY TAT			
		1342	JSS8-B1						
		1343	JSS8-B2						
		1400	JSS9-S1						
		1405	JSS9-S2						
		1406	JSS9-S3						
		1408	JSS9-B1						
		1420	JSS9-B2						
		1420	JSS9-B3						
		1415	JBI-B1						
		1300	W-091027-PS-RB2	Water	3				
TOTAL NUMBER OF CONTAINERS					23	HEALTH/CHEMICAL HAZARDS			
RELINQUISHED BY: ① <i>[Signature]</i>			DATE: 10-27-09 TIME: 1645		RECEIVED BY: ① _____			DATE: _____ TIME: _____	
RELINQUISHED BY: ② _____			DATE: _____ TIME: _____		RECEIVED BY: ② _____			DATE: _____ TIME: _____	
RELINQUISHED BY: ③ _____			DATE: _____ TIME: _____		RECEIVED BY: ③ _____			DATE: _____ TIME: _____	
METHOD OF SHIPMENT: <i>OVERNIGHT FED EX</i>					WAY BILL No. _____				
White _____ Yellow _____ Pink _____ Goldenrod _____			SAMPLE TEAM: <i>STORLI</i>		RECEIVED FOR LABORATORY BY: <i>[Signature]</i> DATE: 10/28/09 TIME: 1200m				
					Nº CRA 22396				

TestAmerica Cooler Receipt Form/Narrative
Lot Number: H9J280123
North Canton Facility

Client CRA Project 54633 By: [Signature]
 Cooler Received on 10/28/09 Opened on 10/28/09 (Signature)

FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other ☐
 TestAmerica Cooler # 44 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other ☐

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
 If YES, Quantity 2 Quantity Unsalvageable _____

Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐

Were custody seals on the bottle(s)? Yes ☐ No ☒

If YES, are there any exceptions? _____

2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐

3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐

4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐

5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other _____

6. Cooler temperature upon receipt 3.6 °C See back of form for multiple coolers/temps ☐

METHOD: IR ☒ Other ☐

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐

8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐

9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☐

10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐

11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒

12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐

13. Was a trip blank present in the cooler(s)? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐

Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample

Receiving to meet recommended pH level(s). Nitric Acid Lot# 031909-HNO₃; Sulfuric Acid Lot# 082509-H₂SO₄; Sodium

Hydroxide Lot# 100108 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-

(CH₃COO)₂ZN/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
<u>SR1-RB2</u>	<u>2.2</u>	<u>10/28/09</u>	<u>[Signature]</u>

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

[illegible]

END OF REPORT



ANALYTICAL REPORT

Grant Anderson
Conestoga-Rovers & Associates, Inc.
PROJECT NO. 54633
Jefferson Yard

SAMPLE SUMMARY

<u>WO #</u>	<u>LABORATORY ID</u>	<u>SAMPLE IDENTIFICATION</u>
LNJV3	A9J300158-001	S-091029-PS-SB11-B1R

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager
denise.heckler@testamericainc.com

Approved for release.
Denise D. Heckler
Project Manager
11/5/2009 3:12 PM

November 05, 2009

TestAmerica Laboratories, Inc.

TestAmerica North Canton 4101 Shuffel Street NW, North Canton, OH 44720
Tel (330)497-9396 Fax (330)497-0772 www.testamericainc.com



CASE NARRATIVE

A9J300158

The following report contains the analytical results for one solid sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the Jefferson Yard Site, project number 54633. The sample was received October 30, 2009, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The sample presented in this report was analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Grant Anderson, Pete Storlie and Steve Voss on November 04, 2009. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 5.4°C.

POLYCHLORINATED BIPHENYLS-8082

The analytical results met the requirements of the laboratory's QA/QC program.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The QC batch associated with batch 9307019 for the Metals analysis is reported without an MS/MSD. The MS/MSD was performed on another client's sample within the batch. The MS/MSD result does not have immediate bearing on any samples except for the actual sample spiked. Ongoing evaluation and monitoring of the LCS provides long-term precision and accuracy for the method.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the reparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

<u>Volatile (GC or GC/MS)</u>	<u>Semivolatile (GC/MS)</u>	<u>Metals ICP-MS</u>	<u>Metals ICP Trace</u>
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

QUALITY CONTROL ELEMENTS NARRATIVE (continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.
- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the reparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225), Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), NAVY, ARMY, USDA Soil Permit



EXECUTIVE SUMMARY - Detection Highlights

A9J300158

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
S-091029-PS-SB11-B1R 10/29/09 08:00 001				
Lead	17.0	0.36	mg/kg	SW846 6010B
Cadmium	0.23 B	0.61	mg/kg	SW846 6010B
Percent Solids	82.3	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A9J300158

PARAMETER	ANALYTICAL METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B

References:

- MCAWW "Methods for Chemical Analysis of Water and Wastes",
EPA-600/4-79-020, March 1983 and subsequent revisions.
- SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical
Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A9J300158

WO #	SAMPLE#	CLIENT	SAMPLE ID	SAMPLED DATE	SAM TI
LNJV3	001	S-091029-PS-SB11-B1R		10/29/09	08:

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091029-PS-SB11-B1R

GC Semivolatiles

Lot-Sample #....: A9J300158-001 Work Order #....: LNJV31AA Matrix.....: SO
Date Sampled....: 10/29/09 08:00 Date Received...: 10/30/09
Prep Date.....: 10/30/09 Analysis Date...: 11/04/09
Prep Batch #....: 9303293
Dilution Factor: 1
% Moisture.....: 18 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	26
Aroclor 1221	ND	40	ug/kg	19
Aroclor 1232	ND	40	ug/kg	17
Aroclor 1242	ND	40	ug/kg	16
Aroclor 1248	ND	40	ug/kg	21
Aroclor 1254	ND	40	ug/kg	21
Aroclor 1260	ND	40	ug/kg	21

SURROGATE	PERCENT	
	RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(10 - 196)
Decachlorobiphenyl	82	(10 - 199)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091029-PS-SB11-B1R

TOTAL Metals

Lot-Sample #....: A9J300158-001

Matrix.....: SO

Date Sampled....: 10/29/09 08:00 Date Received...: 10/30/09

% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #....: 9303242						
Cadmium	0.23 B	0.61	mg/kg	SW846 6010B	10/30-10/31/09	LNJV31
		Dilution Factor: 1		MDL.....: 0.044		
Lead	17.0	0.36	mg/kg	SW846 6010B	10/30-10/31/09	LNJV31
		Dilution Factor: 1		MDL.....: 0.23		

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091029-PS-SB11-B1R

TCLP Metals

Lot-Sample #...: A9J300158-001

Matrix.....: SO

Date Sampled...: 10/29/09 08:00 Date Received...: 10/30/09

Leach Date.....: 11/02/09 Leach Batch #...: P930608

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9307019						
Cadmium	ND	0.10	mg/L	SW846 6010B	11/03-11/04/09	LNJV31AE
		Dilution Factor: 1		MDL.....: 0.00066		
Lead	ND	0.50	mg/L	SW846 6010B	11/03-11/04/09	LNJV31AF
		Dilution Factor: 1		MDL.....: 0.0019		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A9J300158

Work Order #...: LNJ7Q1AA

Matrix.....: SOLID

MB Lot-Sample #: A9J300000-293

Prep Date.....: 10/30/09

Analysis Date...: 11/04/09

Prep Batch #...: 9303293

Dilution Factor: 1

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Tetrachloro-m-xylene	78		(10 - 196)	
Decachlorobiphenyl	72		(10 - 199)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: A9J300158

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A9J300000-242 Prep Batch #....: 9303242						
Cadmium	ND	0.50	mg/kg	SW846 6010B	10/30-10/31/09	LNJXX1AA
		Dilution Factor: 1				
Lead	ND	0.30	mg/kg	SW846 6010B	10/30-10/31/09	LNJXX1AC
		Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #....: A9J300158

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
MB Lot-Sample #: A9K020000-229 Prep Batch #....: 9307019						
Leach Date.....: 11/02/09 Leach Batch #...: P930608						
Cadmium	ND	0.10	mg/L	SW846 6010B	11/03-11/04/09	LNNL61A
Dilution Factor: 1						
Lead	ND	0.50	mg/L	SW846 6010B	11/03-11/04/09	LNNL61A
Dilution Factor: 1						

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #....: A9J300158

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A9K030000-019 Prep Batch #....: 9307019						
Cadmium	ND	0.10	mg/L	SW846 6010B	11/03-11/04/09	LNPGM1AD
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	11/03-11/04/09	LNPGM1AF
		Dilution Factor: 1				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #....: A9J300158

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	ND	Work Order #: LNJ8X1AA		MB Lot-Sample #:	A9J300000-320	
		10.0	%	MCAWW 160.3 MOD	10/30-10/31/09	9303320
		Dilution Factor: 1				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A9J300158 Work Order #...: LN7Q1AC Matrix.....: SOLID
 LCS Lot-Sample#: A9J300000-293
 Prep Date.....: 10/30/09 Analysis Date...: 11/04/09
 Prep Batch #...: 9303293
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Aroclor 1016	75	(34 - 127)	SW846 8082
Aroclor 1260	75	(32 - 141)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	78	(10 - 196)
Decachlorobiphenyl	80	(10 - 199)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: A9J300158 Work Order #....: LNJ7Q1AC Matrix.....: SOLID
 LCS Lot-Sample#: A9J300000-293
 Prep Date.....: 10/30/09 Analysis Date...: 11/04/09
 Prep Batch #....: 9303293
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
Aroclor 1016	330	250	ug/kg	75	SW846 8082
Aroclor 1260	330	250	ug/kg	75	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	78	(10 - 196)
Decachlorobiphenyl	80	(10 - 199)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A9J300158

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J300000-242 Prep Batch #... 9303242					
Cadmium	96	(80 - 120)	SW846 6010B	10/30-10/31/09	LNJXX1AD
		Dilution Factor: 1			
Lead	96	(80 - 120)	SW846 6010B	10/30-10/31/09	LNJXX1AE
		Dilution Factor: 1			

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: A9J300158

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J300000-242 Prep Batch #....: 9303242							
Cadmium	5.0	4.8	mg/kg	96	SW846 6010B	10/30-10/31/09	LNJXX1AD
			Dilution Factor: 1				
Lead	50.0	48.1	mg/kg	96	SW846 6010B	10/30-10/31/09	LNJXX1AE
			Dilution Factor: 1				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #....: A9J300158

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9K030000-019 Prep Batch #....: 9307019					
Cadmium	106	(50 - 150)	SW846 6010B	11/03-11/04/09	LNPGM1AM
		Dilution Factor: 1			
Lead	104	(50 - 150)	SW846 6010B	11/03-11/04/09	LNPGM1AP
		Dilution Factor: 1			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TCLP Metals

Client Lot #....: A9J300158

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9K030000-019 Prep Batch #....: 9307019							
Cadmium	0.050	0.053	mg/L	106	SW846 6010B	11/03-11/04/09	LNPGM1AM
			Dilution Factor: 1				
Lead	0.50	0.52	mg/L	104	SW846 6010B	11/03-11/04/09	LNPGM1AP
			Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: A9J300158 Work Order #....: LNHFG1AU-MS Matrix.....: SOLID
 MS Lot-Sample #: A9J290236-001 LNHFG1AV-MSD
 Date Sampled...: 10/26/09 09:55 Date Received...: 10/28/09
 Prep Date.....: 10/30/09 Analysis Date...: 11/03/09
 Prep Batch #....: 9303293
 Dilution Factor: 1 % Moisture.....: 100

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	78	(10 - 199)			SW846 8082
	74	(10 - 199)	5.0	(0-30)	SW846 8082
Aroclor 1260	79	(10 - 199)			SW846 8082
	72	(10 - 199)	9.0	(0-30)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82	(10 - 196)
	76	(10 - 196)
Decachlorobiphenyl	89	(10 - 199)
	83	(10 - 199)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: A9J300158 Work Order #....: LNHFG1AU-MS Matrix.....: SOLID
 MS Lot-Sample #: A9J290236-001 LNHFG1AV-MSD
 Date Sampled...: 10/26/09 09:55 Date Received...: 10/28/09
 Prep Date.....: 10/30/09 Analysis Date...: 11/03/09
 Prep Batch #....: 9303293
 Dilution Factor: 1 % Moisture.....: 100

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	ND	330	260	ug/kg	78		SW846 8082
	ND	330	250	ug/kg	74	5.0	SW846 8082
Aroclor 1260	ND	330	260	ug/kg	79		SW846 8082
	ND	330	240	ug/kg	72	9.0	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82	(10 - 196)
	76	(10 - 196)
Decachlorobiphenyl	89	(10 - 199)
	83	(10 - 199)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A9J300158

Matrix.....: SO

Date Sampled...: 10/29/09 08:00 Date Received...: 10/30/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A9J300158-001 Prep Batch #... 9303242						
Cadmium	91	(75 - 125)		SW846 6010B	10/30-10/31/09	LNJV31AJ
	93	(75 - 125) 2.3	(0-20)	SW846 6010B	10/30-10/31/09	LNJV31AK
Dilution Factor: 1						
Lead	93	(75 - 125)		SW846 6010B	10/30-10/31/09	LNJV31AL
	95	(75 - 125) 1.4	(0-20)	SW846 6010B	10/30-10/31/09	LNJV31AM
Dilution Factor: 1						

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #: A9J300158

Matrix.....: SO

Date Sampled...: 10/29/09 08:00 Date Received...: 10/30/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
-----------	---------------	-----------	---------------	-------	---------------	-----	--------	----------------------------	------------

MS Lot-Sample #: A9J300158-001 Prep Batch #: 9303242

Cadmium

0.23	6.1	5.7	mg/kg	91		SW846 6010B	10/30-10/31/09	LNJV31
0.23	6.1	5.9	mg/kg	93	2.3	SW846 6010B	10/30-10/31/09	LNJV31

Dilution Factor: 1

Lead

17.0	60.7	73.7	mg/kg	93		SW846 6010B	10/30-10/31/09	LNJV31
17.0	60.7	74.7	mg/kg	95	1.4	SW846 6010B	10/30-10/31/09	LNJV31

Dilution Factor: 1

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: A9J300158 Work Order #....: LMWNP-SMP Matrix.....: SOLID
 LMWNP-DUP

Date Sampled....: 10/19/09 10:44 Date Received...: 10/20/09

% Moisture.....: 31

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	68.9	56.7	%	19	(0-20)	SD Lot-Sample #: A9J200160-006 MCAWW 160.3 MOD	10/30-10/31/09	9303320

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: A9J300158 Work Order #....: LMWNR-SMP Matrix.....: SOLID
LMWNR-DUP

Date Sampled....: 10/19/09 11:20 Date Received...: 10/20/09

% Moisture.....: 20

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	80.0	78.4	%	2.0	(0-20)	SD Lot-Sample #: A9J200160-007 MCAWW 160.3 MOD	10/30-10/31/09	93033

Dilution Factor: 1

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES <u>Grant Anderson</u> <u>651-639-0923</u>				SHIPPED TO (Laboratory Name): <u>Test America</u>				REFERENCE NUMBER: <u>054633</u>																				
SAMPLER'S SIGNATURE: <u>[Signature]</u>				PRINTED NAME: <u>Peter Starliu</u>				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" rowspan="2">PARAMETERS</th> <th rowspan="2">No. of Containers</th> <th colspan="2" rowspan="2">REMARKS</th> </tr> <tr> </tr> <tr> <td style="text-align: center;">T. PCBs</td> <td style="text-align: center;">Pb & Cd</td> <td rowspan="2" style="text-align: center;">2</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td rowspan="2" style="text-align: center;">1-Day TAT</td> <td rowspan="2" style="text-align: center;">GRAB</td> <td rowspan="2" style="text-align: center;">1-Day TAT</td> </tr> <tr> <td style="text-align: center;">T. PCBs</td> <td style="text-align: center;">Pb & Cd</td> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> </tr> </table>				PARAMETERS		No. of Containers	REMARKS		T. PCBs	Pb & Cd	2	X	X	1-Day TAT	GRAB	1-Day TAT	T. PCBs	Pb & Cd	X	X
PARAMETERS		No. of Containers	REMARKS																									
T. PCBs	Pb & Cd	2	X	X	1-Day TAT	GRAB	1-Day TAT																					
T. PCBs	Pb & Cd		X	X																								
SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers																							
	10/29/09	0800	S-091029-PS-SB11-BIR	SOIL	2																							
<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 1px solid black; transform: rotate(45deg); transform-origin: center;"></div> </div>																												
TOTAL NUMBER OF CONTAINERS					2	HEALTH/CHEMICAL HAZARDS																						

RELINQUISHED BY: ① <u>[Signature]</u>	DATE: <u>1200</u> TIME: <u>10-29-09</u>	RECEIVED BY: ① _____	DATE: _____ TIME: _____
RELINQUISHED BY: ② _____	DATE: _____ TIME: _____	RECEIVED BY: ② _____	DATE: _____ TIME: _____
RELINQUISHED BY: ③ _____	DATE: _____ TIME: _____	RECEIVED BY: ③ _____	DATE: _____ TIME: _____

METHOD OF SHIPMENT: <u>Fed Ex - overnight</u>		WAY BILL No. _____	
White — Fully Executed Copy Yellow — Receiving Laboratory Copy Pink — Shipper Copy Goldenrod — Sampler Copy	SAMPLE TEAM: <u>Starliu</u>	RECEIVED FOR LABORATORY BY: <u>[Signature]</u> DATE: <u>10/30/09</u> TIME: <u>10:00 AM</u>	

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: 49J300158

Client CRA Project 54633 By: [Signature]
Cooler Received on 10/30/09 Opened on 10/30/09 (Signature)
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other ☐
TestAmerica Cooler # L591 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other ☐

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
If YES, Quantity 2 Quantity Unsalvageable _____
Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
Were custody seals on the bottle(s)? Yes ☐ No ☒
If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt 5.9 °C See back of form for multiple coolers/temps ☐
METHOD: IR ☒ Other ☐
COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☐ No ☐ NA ☒
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒
Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

- Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample
Receiving to meet recommended pH level(s). Nitric Acid Lot# 031909-HNO₃; Sulfuric Acid Lot# 082509-H₂SO₄; Sodium
Hydroxide Lot# 100108 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-
(CH₃COO)₂Zn/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

North Canton Facility

Coolant

Discrepancies Cont'd:

This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

END OF REPORT



ANALYTICAL REPORT

Grant Anderson
Conestoga-Rovers & Associates, Inc.
PROJECT NO. 54633
Jefferson Yard

SAMPLE SUMMARY

<u>WO #</u>	<u>LABORATORY ID</u>	<u>SAMPLE IDENTIFICATION</u>	
LNPTJ	A9K030418-001	S-091102-PS-JSS9-S2R	Resample of JSS9-S2 8' North
LNPTP	A9K030418-002	S-091102-PS-JSS9-S2RR	dup of S2
LNPTQ	A9K030418-003	S-091102-PS-JSS9-B2R	Resample of JSS9-B2 2' deep

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager
denise.heckler@testamericainc.com

Approved for release.
Denise D. Heckler
Project Manager
11/9/2009 3:16 PM

November 07, 2009

TestAmerica Laboratories, Inc.

TestAmerica North Canton 4101 Shuffel Street NW, North Canton, OH 44720

Tel (330)497-9396 Fax (330)497-0772 www.testamericainc.com



CASE NARRATIVE

A9K030418

The following report contains the analytical results for three solid samples submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the Jefferson Yard Site, project number 54633. The samples were received November 03, 2009, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Grant Anderson, Pete Storlie, and Steve Voss on November 04, 2009. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 3.9°C.

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for batch(es) 9307036 had RPD's outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

The matrix spike/matrix spike duplicate(s) for S-091102-PS-JSS9-B2R had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the reparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

<u>Volatile (GC or GC/MS)</u>	<u>Semivolatile (GC/MS)</u>	<u>Metals ICP-MS</u>	<u>Metals ICP Trace</u>
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

QUALITY CONTROL ELEMENTS NARRATIVE (continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.
- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the reparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.



TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada
(#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), NAVY,
ARMY, USDA Soil Permit

EXECUTIVE SUMMARY - Detection Highlights

A9K030418

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
S-091102-PS-JSS9-S2R 11/02/09 14:00 001				
Aroclor 1254	21 J	39	ug/kg	SW846 8082
Lead	62.9 J	0.35	mg/kg	SW846 6010B
Cadmium	0.34 B	0.58	mg/kg	SW846 6010B
Percent Solids	85.5	10.0	%	MCAWW 160.3 MOD
S-091102-PS-JSS9-S2RR 11/02/09 14:00 002				
Aroclor 1254	20 J	39	ug/kg	SW846 8082
Lead	63.4 J	0.35	mg/kg	SW846 6010B
Cadmium	0.32 B	0.59	mg/kg	SW846 6010B
Percent Solids	85.4	10.0	%	MCAWW 160.3 MOD
S-091102-PS-JSS9-B2R 11/02/09 14:00 003				
Aroclor 1260	19 J	37	ug/kg	SW846 8082
Lead	110 J	0.34	mg/kg	SW846 6010B
Cadmium	0.50 B	0.56	mg/kg	SW846 6010B
Percent Solids	88.6	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A9K030418

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
PCBs by SW-846 8082	SW846 8082
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B

References:

- MCAWW "Methods for Chemical Analysis of Water and Wastes",
EPA-600/4-79-020, March 1983 and subsequent revisions.
- SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical
Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A9K030418

WO #	SAMPLE #	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LNPTJ	001	S-091102-PS-JSS9-S2R	11/02/09	14:00
LNPTP	002	S-091102-PS-JSS9-S2RR	11/02/09	14:00
LNPTQ	003	S-091102-PS-JSS9-B2R	11/02/09	14:00

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Resample of JSS9-S2 8' North

Client Sample ID: S-091102-PS-JSS9-S2R

GC Semivolatiles

Lot-Sample #....: A9K030418-001 Work Order #....: LNPTJ1AA Matrix.....: SO
 Date Sampled....: 11/02/09 14:00 Date Received...: 11/03/09
 Prep Date.....: 11/03/09 Analysis Date...: 11/04/09
 Prep Batch #....: 9307218
 Dilution Factor: 1
 % Moisture.....: 14 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	25
Aroclor 1221	ND	39	ug/kg	19
Aroclor 1232	ND	39	ug/kg	16
Aroclor 1242	ND	39	ug/kg	15
Aroclor 1248	ND	39	ug/kg	20
Aroclor 1254	21 J	39	ug/kg	20
Aroclor 1260	ND	39	ug/kg	20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(10 - 196)
Decachlorobiphenyl	116	(10 - 199)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091102-PS-JSS9-S2R

TOTAL Metals

Lot-Sample #: A9K030418-001

Matrix.....: SO

Date Sampled...: 11/02/09 14:00 Date Received...: 11/03/09

% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #...	9307284					
Cadmium	0.34 B	0.58	mg/kg	SW846 6010B	11/03-11/04/09	LNPTJ1
		Dilution Factor: 1		MDL.....: 0.042		
Lead	62.9 J	0.35	mg/kg	SW846 6010B	11/03-11/04/09	LNPTJ1
		Dilution Factor: 1		MDL.....: 0.22		

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091102-PS-JSS9-S2R

General Chemistry

Lot-Sample #....: A9K030418-001 Work Order #....: LNPTJ Matrix.....: SO
Date Sampled....: 11/02/09 14:00 Date Received...: 11/03/09
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	85.5	10.0	%	MCAWW 160.3 MOD	11/03-11/04/09	9307363
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

dup of S2

Client Sample ID: S-091102-PS-JSS9-S2RR

GC Semivolatiles

Lot-Sample #....: A9K030418-002 Work Order #....: LNPTP1AA Matrix.....: SO
 Date Sampled....: 11/02/09 14:00 Date Received...: 11/03/09
 Prep Date.....: 11/03/09 Analysis Date...: 11/04/09
 Prep Batch #....: 9307218
 Dilution Factor: 1
 % Moisture.....: 15 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	25
Aroclor 1221	ND	39	ug/kg	19
Aroclor 1232	ND	39	ug/kg	16
Aroclor 1242	ND	39	ug/kg	15
Aroclor 1248	ND	39	ug/kg	20
Aroclor 1254	20 J	39	ug/kg	20
Aroclor 1260	ND	39	ug/kg	20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	109	(10 - 196)
Decachlorodiphenyl	112	(10 - 199)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091102-PS-JSS9-S2RR

TOTAL Metals

Lot-Sample #....: A9K030418-002

Matrix.....: SO

Date Sampled...: 11/02/09 14:00 Date Received...: 11/03/09

% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 9307284						
Cadmium	0.32 B	0.59	mg/kg	SW846 6010B	11/03-11/04/09	LNPTP1AC
		Dilution Factor: 1		MDL.....: 0.042		
Lead	63.4 J	0.35	mg/kg	SW846 6010B	11/03-11/04/09	LNPTP1AD
		Dilution Factor: 1		MDL.....: 0.22		

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091102-PS-JSS9-S2RR

General Chemistry

Lot-Sample #....: A9K030418-002 Work Order #....: LNPTP Matrix.....: SO
Date Sampled....: 11/02/09 14:00 Date Received...: 11/03/09
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH
Percent Solids	85.4	10.0	%	MCAWW 160.3 MOD	11/03-11/04/09	9307363
		Dilution Factor: 1		MDL.....: 10.0		

Conestoga-Rovers & Associates, Inc.

Resample of JSS9-B2 2' deep

Client Sample ID: S-091102-PS-JSS9-B2R

GC Semivolatiles

Lot-Sample #....: A9K030418-003 Work Order #....: LNPTQ1AA Matrix.....: SO
 Date Sampled....: 11/02/09 14:00 Date Received...: 11/03/09
 Prep Date.....: 11/03/09 Analysis Date...: 11/04/09
 Prep Batch #....: 9307218
 Dilution Factor: 1
 % Moisture.....: 11 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	24
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	15
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	19 J	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	120	(10 - 196)
Decachlorobiphenyl	111	(10 - 199)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091102-PS-JSS9-B2R

TOTAL Metals

Lot-Sample #....: A9K030418-003

Matrix.....: SO

Date Sampled....: 11/02/09 14:00 Date Received...: 11/03/09

% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #....: 9307284						
Cadmium	0.50 B	0.56	mg/kg	SW846 6010B	11/03-11/04/09	LNPTQ1
		Dilution Factor: 1		MDL.....: 0.041		
Lead	110 J	0.34	mg/kg	SW846 6010B	11/03-11/04/09	LNPTQ1
		Dilution Factor: 1		MDL.....: 0.21		

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: S-091102-PS-JSS9-B2R

General Chemistry

Lot-Sample #....: A9K030418-003 Work Order #....: LNPTQ Matrix.....: SO
Date Sampled....: 11/02/09 14:00 Date Received...: 11/03/09
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	88.6	10.0	%	MCAWW 160.3 MOD	11/03-11/04/09	9307363
		Dilution Factor: 1		MDL.....: 10.0		

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A9K030418
MB Lot-Sample #: A9K030000-218

Work Order #...: LNPV11AA

Matrix.....: SOLID

Analysis Date...: 11/04/09
Dilution Factor: 1

Prep Date.....: 11/03/09

Prep Batch #...: 9307218

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1243	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Tetrachloro-m-xylene	67	(10 - 196)		
Decachlorobiphenyl	86	(10 - 199)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: A9K030418

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
MB Lot-Sample #: A9K030000-284 Prep Batch #....: 9307284						
Cadmium	ND	0.50	mg/kg	SW846 6010B	11/03-11/04/09	LNP2E1
		Dilution Factor: 1				
Lead	0.42	0.30	mg/kg	SW846 6010B	11/03-11/04/09	LNP2E1
		Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #....: A9K030418

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	ND	Work Order #: LNQD31AA		MB Lot-Sample #:	A9K030000-363	
		10.0	%	MCAWW 160.3 MOD	11/03-11/04/09	9307363
		Dilution Factor: 1				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: A9K030418 Work Order #....: LNPV11AC Matrix.....: SOLID
 LCS Lot-Sample#: A9K030000-218
 Prep Date.....: 11/03/09 Analysis Date...: 11/04/09
 Prep Batch #....: 9307218
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Aroclor 1016	77	(34 - 127)	SW846 8082
Aroclor 1260	81	(32 - 141)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	66	(10 - 196)
Decachlorobiphenyl	93	(10 - 199)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: A9K030418 Work Order #....: LNPV11AC Matrix.....: SOLID
 LCS Lot-Sample#: A9K030000-218
 Prep Date.....: 11/03/09 Analysis Date...: 11/04/09
 Prep Batch #....: 9307218
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
Aroclor 1016	330	260	ug/kg	77	SW846 8082
Aroclor 1260	330	270	ug/kg	81	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	66	(10 - 196)
Decachlorobiphenyl	93	(10 - 199)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: A9K030418

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: A9K030000-284 Prep Batch #....: 9307284					
Cadmium	99	(80 - 120)	SW846 6010B	11/03-11/04/09	LNP2E1AD
		Dilution Factor: 1			
Lead	99	(80 - 120)	SW846 6010B	11/03-11/04/09	LNP2E1AE
		Dilution Factor: 1			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: A9K030418

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9K030000-284 Prep Batch #....: 9307284							
Cadmium	5.0	5.0	mg/kg	99	SW846 6010B	11/03-11/04/09	LNP2E1AD
			Dilution Factor: 1				
Lead	50.0	49.5	mg/kg	99	SW846 6010B	11/03-11/04/09	LNP2E1AE
			Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: A9K030418 Work Order #....: LNK41AU-MS Matrix.....: SOLID
 MS Lot-Sample #: A9J300250-001 LNK41AV-MSD
 Date Sampled...: 10/29/09 14:30 Date Received...: 10/30/09
 Prep Date.....: 11/03/09 Analysis Date...: 11/04/09
 Prep Batch #....: 9307036
 Dilution Factor: 1 % Moisture.....: 100

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	45	(10 - 199)			SW846 8082
	66 p	(10 - 199)	37	(0-30)	SW846 8082
Aroclor 1260	48	(10 - 199)			SW846 8082
	66	(10 - 199)	30	(0-30)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(10 - 196)
	107	(10 - 196)
Decachlorobiphenyl	582 *	(10 - 199)
	1930 *	(10 - 199)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: A9K030418 Work Order #....: LNK41AU-MS Matrix.....: SOLID
 MS Lot-Sample #: A9J300250-001 LNK41AV-MSD
 Date Sampled...: 10/29/09 14:30 Date Received...: 10/30/09
 Prep Date.....: 11/03/09 Analysis Date...: 11/04/09
 Prep Batch #....: 9307036
 Dilution Factor: 1 % Moisture.....: 100

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	ND	330	150	ug/kg	45		SW846 8082
	ND	330	220	ug/kg	66 p	37	SW846 8082
Aroclor 1260	ND	330	160	ug/kg	48		SW846 8082
	ND	330	220	ug/kg	66	30	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(10 - 196)
	107	(10 - 196)
Decachlorobiphenyl	582 *	(10 - 199)
	1930 *	(10 - 199)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative per difference (RPD) is outside stated control limits.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: A9K030418 Work Order #....: LNPTQ1AF-MS Matrix.....: SO
 MS Lot-Sample #: A9K030418-003 LNPTQ1AG-MSD
 Date Sampled...: 11/02/09 14:00 Date Received...: 11/03/09
 Prep Date.....: 11/03/09 Analysis Date...: 11/04/09
 Prep Batch #....: 9307218
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	99	(10 - 199)			SW846 8082
	97	(10 - 199)	2.0	(0-30)	SW846 8082
Aroclor 1260	92	(10 - 199)			SW846 8082
	88	(10 - 199)	4.0	(0-30)	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	116	(10 - 196)
	103	(10 - 196)
Decachlorobiphenyl	113	(10 - 199)
	108	(10 - 199)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: A9K030418 Work Order #....: LNPTQ1AF-MS Matrix.....: SO
 MS Lot-Sample #: A9K030418-003 LNPTQ1AG-MSD
 Date Sampled...: 11/02/09 14:00 Date Received...: 11/03/09
 Prep Date.....: 11/03/09 Analysis Date...: 11/04/09
 Prep Batch #....: 9307218
 Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	ND	380	370	ug/kg	99		SW846 8082
	ND	370	370	ug/kg	97	2.0	SW846 8082
Aroclor 1260	19	380	360	ug/kg	92		SW846 8082
	19	370	350	ug/kg	88	4.0	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	116	(10 - 196)
	103	(10 - 196)
Decachlorobiphenyl	113	(10 - 199)
	108	(10 - 199)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: A9K030418

Matrix.....: SO

Date Sampled....: 11/02/09 14:00 Date Received...: 11/03/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A9K030418-003 Prep Batch #....: 9307284						
Cadmium	90	(75 - 125)		SW846 6010B	11/03-11/04/09	LNPTQ1AH
	91	(75 - 125)	0.84 (0-20)	SW846 6010B	11/03-11/04/09	LNPTQ1AJ
		Dilution Factor: 1				
Lead	138 N	(75 - 125)		SW846 6010B	11/03-11/04/09	LNPTQ1AK
	136 N	(75 - 125)	0.63 (0-20)	SW846 6010B	11/03-11/04/09	LNPTQ1AL
		Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A9K030418

Matrix.....: SO

Date Sampled...: 11/02/09 14:00 Date Received...: 11/03/09

PARAMETER	AMOUNT	SAMPLE SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
-----------	--------	---------------------	------------------	-------	-------------------	-----	--------	-------------------------------	-----------------

MS Lot-Sample #: A9K030418-003 Prep Batch #...: 9307284

Cadmium

0.50	5.6	5.6	mg/kg	90		SW846 6010B	11/03-11/04/09	LNPTQ1AH
0.50	5.6	5.6	mg/kg	91	0.84	SW846 6010B	11/03-11/04/09	LNPTQ1AJ

Dilution Factor: 1

Lead

110	56.4	188 N	mg/kg	138		SW846 6010B	11/03-11/04/09	LNPTQ1AK
110	56.4	187 N	mg/kg	136	0.63	SW846 6010B	11/03-11/04/09	LNPTQ1AL

Dilution Factor: 1

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: A9K030418

Work Order #....: LNLQN-SMP
LNLQN-DUP

Matrix.....: SOLID

Date Sampled....: 10/29/09 09:23 Date Received...: 10/30/09

% Moisture.....: 13

PARAM RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	87.1	%	0.14	(0-20)	SD Lot-Sample #: A9J300352-010 MCAWW 160.3 MOD	11/03-11/04/09	9307583

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: A9K030418

Work Order #....: LNPTQ-SMP
LNPTQ-DUP

Matrix.....: SO

Date Sampled....: 11/02/09 14:00 Date Received...: 11/03/09

% Moisture.....: 11

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD RPD	RPD LIMIT	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Solids	88.6	88.9	%	0.36	(0-20)	SD Lot-Sample #: A9K030418-003 MCAWW 160.3 MOD	11/03-11/04/09	9307363

Dilution Factor: 1

34 of 37

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: A9K030418

Client CRA Project 54633 By: Chi Ding
 Cooler Received on 11-3-09 Opened on 11-3-09 (Signature)
 FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
 TestAmerica Cooler # C328 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other _____
 1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
 If YES, Quantity _____ Quantity Unsalvageable _____
 Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
 Were custody seals on the bottle(s)? Yes ☐ No ☒
 If YES, are there any exceptions? _____
 2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
 3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
 4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
 5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other _____
 6. Cooler temperature upon receipt 3.9 °C See back of form for multiple coolers/temps ☐
 METHOD: IR ☒ Other ☐
 COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
 7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
 8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
 9. Were sample(s) at the correct pH upon receipt? Yes ☐ No ☐ NA ☒
 10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
 11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
 12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
 13. Was a trip blank present in the cooler(s)? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒
 Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
 Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
 Sample(s) _____ were received in a broken container.
 Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 031909-HNO₃; Sulfuric Acid Lot# 082509-H₂SO₄; Sodium Hydroxide Lot# 100108 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH₃COO)₂Zn/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

North Canton Facility

Coolant

Discrepancies Conf'd:

END OF REPORT

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Grant Anderson
Conestoga-Rovers & Associates, Inc.
PROJECT NO. 054633
JEFFERSON YARD

SAMPLE SUMMARY

<u>WO #</u>	<u>LABORATORY ID</u>	<u>SAMPLE IDENTIFICATION</u>
LM974	A9J260134-001	TSCA SOIL
LM975	A9J260134-002	TSCA STABILIZED
LM98C	A9J260134-003	NON-TSCA STABILIZED

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager
denise.heckler@testamericainc.com

Approved for release.
Denise D. Heckler
Project Manager
10/29/2009 9:51 AM

October 29, 2009**TestAmerica Laboratories, Inc.**

TestAmerica North Canton 4101 Shuffel Street NW, North Canton, OH 44720

Tel (330)497-9396 Fax (330)497-0772 www.testamericainc.com

CASE NARRATIVE

A9J260134

The following report contains the analytical results for three solid samples submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the Jefferson Yard Site, project number 054633. The samples were received October 26, 2009, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Grant Anderson, Pete Storlie and Steve Voss on October 28, 2009. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)
SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 5.4°C.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the reparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

<u>Volatile (GC or GC/MS)</u>	<u>Semivolatile (GC/MS)</u>	<u>Metals ICP-MS</u>	<u>Metals ICP Trace</u>
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

QUALITY CONTROL ELEMENTS NARRATIVE (continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.
- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the reparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),

Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), NAVY, ARMY, USDA Soil Permit



EXECUTIVE SUMMARY - Detection Highlights

A9J260134

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TSCA SOIL 10/23/09 11:35 001				
Barium - TCLP	0.74 B	10.0	mg/L	SW846 6010B
Cadmium - TCLP	0.026 B	0.10	mg/L	SW846 6010B
Lead - TCLP	0.18 B	0.50	mg/L	SW846 6010B
TSCA STABILIZED 10/23/09 11:35 002				
Barium - TCLP	0.70 B	10.0	mg/L	SW846 6010B
Cadmium - TCLP	0.075 B	0.10	mg/L	SW846 6010B
Chromium - TCLP	0.0026 B	0.50	mg/L	SW846 6010B
Lead - TCLP	0.38 B	0.50	mg/L	SW846 6010B
Selenium - TCLP	0.0052 B	0.25	mg/L	SW846 6010B
NON-TSCA STABILIZED 10/23/09 14:15 003				
Barium - TCLP	0.79 B	10.0	mg/L	SW846 6010B
Cadmium - TCLP	0.22	0.10	mg/L	SW846 6010B
Lead - TCLP	2.1	0.50	mg/L	SW846 6010B
Selenium - TCLP	0.0057 B	0.25	mg/L	SW846 6010B

ANALYTICAL METHODS SUMMARY

A9J260134

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A9J260134

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LM974	001	TSCA SOIL	10/23/09	11:30
LM975	002	TSCA STABILIZED	10/23/09	11:30
LM98C	003	NON-TSCA STABILIZED	10/23/09	14:00

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TSCA SOIL

TCLP Metals

Lot-Sample #....: A9J260134-001

Matrix.....: SO

Date Sampled...: 10/23/09 11:35 Date Received...: 10/26/09

Leach Date.....: 10/26/09 Leach Batch #...: P929905

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 9300019						
Arsenic	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9741AD
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.74 B	10.0	mg/L	SW846 6010B	10/27-10/28/09	LM9741AE
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	0.026 B	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM9741AF
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9741AG
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	0.18 B	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9741AH
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	ND	0.25	mg/L	SW846 6010B	10/27-10/28/09	LM9741AJ
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9741AK
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	ND	0.0020	mg/L	SW846 7470A	10/27/09	LM9741AC
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TSCA STABILIZED

TCLP Metals

Lot-Sample #....: A9J260134-002

Matrix.....: SO

Date Sampled....: 10/23/09 11:35 **Date Received...:** 10/26/09

Leach Date.....: 10/25/09 **Leach Batch #...:** P929802

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Prep Batch #....: 9299014						
Arsenic	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9751
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.70 B	10.0	mg/L	SW846 6010B	10/27-10/28/09	LM9751
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	0.075 B	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM9751
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	0.0026 B	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9751
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	0.38 B	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9751
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	0.0052 B	0.25	mg/L	SW846 6010B	10/27-10/28/09	LM9751
		Dilution Factor: 1		MDL.....: 0.0041		
Silver	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9751
		Dilution Factor: 1		MDL.....: 0.0022		
Mercury	ND	0.0020	mg/L	SW846 7470A	10/27/09	LM9751
		Dilution Factor: 1		MDL.....: 0.00012		

NOTE (S) :

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: NON-TSCA STABILIZED

TCLP Metals

Lot-Sample #....: A9J260134-003

Matrix.....: SO

Date Sampled....: 10/23/09 14:15 **Date Received...:** 10/26/09

Leach Date.....: 10/26/09 **Leach Batch #...:** P929905

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 9300019						
Arsenic	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM98C1AD
		Dilution Factor: 1		MDL.....: 0.0032		
Barium	0.79 B	10.0	mg/L	SW846 6010B	10/27-10/28/09	LM98C1AE
		Dilution Factor: 1		MDL.....: 0.00067		
Cadmium	0.22	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM98C1AF
		Dilution Factor: 1		MDL.....: 0.00066		
Chromium	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM98C1AG
		Dilution Factor: 1		MDL.....: 0.0022		
Lead	2.1	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM98C1AH
		Dilution Factor: 1		MDL.....: 0.0019		
Selenium	0.0057 B	0.25	mg/L	SW846 6010B	10/27-10/28/09	LM98C1AJ
		Dilution Factor: 1		MDL.....: 0.0041		
Silver			mg/L	SW846 6010B	10/27-10/28/09	LM98C1AK
Mg	ND	0.001	mg/L	SW846 7470A	10/27/09	LM98C1AC
		Dilution Factor: 1		MDL.....		

NOTE (S):

Analysis performed on 3

(Procedure Method 1)

B Estimated result, P

QUALITY CONTROL SECTION

METHOD BLANK REPORT

TCLP Metals

Client Lot #....: A9J260134

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
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MB Lot-Sample #: A9J250000-023 Prep Batch #....: 9299014

Leach Date.....: 10/25/09 Leach Batch #...: P929802

Arsenic	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9MP1AC
Dilution Factor: 1						

Barium	0.0036 B	10.0	mg/L	SW846 6010B	10/27-10/28/09	LM9MP1AD
Dilution Factor: 1						

Cadmium	ND	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM9MP1AE
Dilution Factor: 1						

Chromium	0.0046 B	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9MP1AF
Dilution Factor: 1						

Lead	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9MP1AG
Dilution Factor: 1						

Selenium	0.0067 B	0.25	mg/L	SW846 6010B	10/27-10/28/09	LM9MP1AH
Dilution Factor: 1						

Silver	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9MP1AJ
Dilution Factor: 1						

Mercury	ND	0.0020	mg/L	SW846 7470A	10/27/09	LM9MP1AA
Dilution Factor: 1						

MB Lot-Sample #: A9J260000-145 Prep Batch #....: 9300019

Leach Date.....: 10/26/09 Leach Batch #...: P929905

Arsenic	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9VE1AE
Dilution Factor: 1						

Barium	0.0017 B	10.0	mg/L	SW846 6010B	10/27-10/28/09	LM9VE1AF
Dilution Factor: 1						

Cadmium	ND	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM9VE1AG
Dilution Factor: 1						

Chromium	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9VE1AH
Dilution Factor: 1						

Lead	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9VE1AJ
Dilution Factor: 1						

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METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A9J260134

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Selenium	ND	0.25	mg/L	SW846 6010B	10/27-10/28/09	LM9VE1AK
		Dilution Factor: 1				
Silver	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9VE1AK
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	10/27/09	LM9VE1AK
		Dilution Factor: 1				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TCLP Metals

Client Lot #....: A9J260134

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A9J260000-014 Prep Batch #....: 9299014						
Arsenic	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9ND1AC
		Dilution Factor: 1				
Barium	ND	10.0	mg/L	SW846 6010B	10/27-10/28/09	LM9ND1AD
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27-10/28/09	LM9ND1AE
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9ND1AF
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9ND1AG
		Dilution Factor: 1				
Selenium	ND	0.25	mg/L	SW846 6010B	10/27-10/28/09	LM9ND1AH
		Dilution Factor: 1				
Silver	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LM9ND1AJ
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	10/27/09	LM9ND1AA
		Dilution Factor: 1				
MB Lot-Sample #: A9J270000-019 Prep Batch #....: 9300019						
Arsenic	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LNAVMIAD
		Dilution Factor: 1				
Barium	ND	10.0	mg/L	SW846 6010B	10/27-10/28/09	LNAVMIAE
		Dilution Factor: 1				
Cadmium	ND	0.10	mg/L	SW846 6010B	10/27-10/28/09	LNAVMIAF
		Dilution Factor: 1				
Chromium	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LNAVMIAG
		Dilution Factor: 1				
Lead	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LNAVMIAH
		Dilution Factor: 1				
Selenium	ND	0.25	mg/L	SW846 6010B	10/27-10/28/09	LNAVMIAJ
		Dilution Factor: 1				

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METHOD BLANK REPORT

TCLP Metals

Client Lot #...: A9J260134

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER
Silver	ND	0.50	mg/L	SW846 6010B	10/27-10/28/09	LNAVM1AK
		Dilution Factor: 1				
Mercury	ND	0.0020	mg/L	SW846 7470A	10/27/09	LNAVM1AL
		Dilution Factor: 1				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #....: A9J260134

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J260000-014 Prep Batch #....: 9299014					
Arsenic	104	(50 - 150)	SW846 6010B Dilution Factor: 1	10/27-10/28/09	LM9ND1AL
Barium	106	(50 - 150)	SW846 6010B Dilution Factor: 1	10/27-10/28/09	LM9ND1AM
Cadmium	108	(50 - 150)	SW846 6010B Dilution Factor: 1	10/27-10/28/09	LM9ND1AN
Chromium	101	(50 - 150)	SW846 6010B Dilution Factor: 1	10/27-10/28/09	LM9ND1AP
Lead	106	(50 - 150)	SW846 6010B Dilution Factor: 1	10/27-10/28/09	LM9ND1AQ
Selenium	113	(50 - 150)	SW846 6010B Dilution Factor: 1	10/27-10/28/09	LM9ND1AR
Silver	122	(50 - 150)	SW846 6010B Dilution Factor: 1	10/27-10/28/09	LM9ND1AT
Mercury	106	(50 - 150)	SW846 7470A Dilution Factor: 1	10/27/09	LM9ND1AK
LCS Lot-Sample#: A9J270000-019 Prep Batch #....: 9300019					
Arsenic	108	(50 - 150)	SW846 6010B Dilution Factor: 1	10/27-10/28/09	LNAVM1AP
Barium	106	(50 - 150)	SW846 6010B Dilution Factor: 1	10/27-10/28/09	LNAVM1AQ
Cadmium	107	(50 - 150)	SW846 6010B Dilution Factor: 1	10/27-10/28/09	LNAVM1AR
Chromium	103	(50 - 150)	SW846 6010B Dilution Factor: 1	10/27-10/28/09	LNAVM1AT
Lead	109	(50 - 150)	SW846 6010B Dilution Factor: 1	10/27-10/28/09	LNAVM1AU

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #....: A9J260134

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Selenium	113	(50 - 150) Dilution Factor: 1	SW846 6010B	10/27-10/28/09	LNAVM1AV
Silver	118	(50 - 150) Dilution Factor: 1	SW846 6010B	10/27-10/28/09	LNAVM1AW
Mercury	116	(50 - 150) Dilution Factor: 1	SW846 7470A	10/27/09	LNAVM1AX

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: A9J260134

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9J260000-014 Prep Batch #...: 9299014							
Arsenic	2.0	2.1	mg/L	104	SW846 6010B	10/27-10/28/09	LM9ND1AL
			Dilution Factor: 1				
Barium	2.0	2.1	mg/L	106	SW846 6010B	10/27-10/28/09	LM9ND1AM
			Dilution Factor: 1				
Cadmium	0.050	0.054	mg/L	108	SW846 6010B	10/27-10/28/09	LM9ND1AN
			Dilution Factor: 1				
Chromium	0.20	0.20	mg/L	101	SW846 6010B	10/27-10/28/09	LM9ND1AP
			Dilution Factor: 1				
Lead	0.50	0.53	mg/L	106	SW846 6010B	10/27-10/28/09	LM9ND1AQ
			Dilution Factor: 1				
Selenium	2.0	2.3	mg/L	113	SW846 6010B	10/27-10/28/09	LM9ND1AR
			Dilution Factor: 1				
Silver	0.050	0.061	mg/L	122	SW846 6010B	10/27-10/28/09	LM9ND1AT
			Dilution Factor: 1				
Mercury	0.0050	0.0053	mg/L	106	SW846 7470A	10/27/09	LM9ND1AK
			Dilution Factor: 1				
LCS Lot-Sample#: A9J270000-019 Prep Batch #...: 9300019							
Arsenic	2.0	2.2	mg/L	108	SW846 6010B	10/27-10/28/09	LNAVMIAP
			Dilution Factor: 1				
Barium	2.0	2.1	mg/L	106	SW846 6010B	10/27-10/28/09	LNAVMI AQ
			Dilution Factor: 1				
Cadmium	0.050	0.054	mg/L	107	SW846 6010B	10/27-10/28/09	LNAVMIAR
			Dilution Factor: 1				
Chromium	0.20	0.21	mg/L	103	SW846 6010B	10/27-10/28/09	LNAVMIAT
			Dilution Factor: 1				
Lead	0.50	0.54	mg/L	109	SW846 6010B	10/27-10/28/09	LNAVMI AU
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: A9J260134

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Selenium	2.0	2.3	mg/L	113	SW846 6010B	10/27-10/28/09	LNAVM1AV
Dilution Factor: 1							
Silver	0.050	0.059	mg/L	118	SW846 6010B	10/27-10/28/09	LNAVM1AW
Dilution Factor: 1							
Mercury	0.0050	0.0058	mg/L	116	SW846 7470A	10/27/09	LNAVM1AX
Dilution Factor: 1							

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #....: A9J260134

Matrix.....: SOLID

Date Sampled....: 10/23/09 11:35 Date Received...: 10/24/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD LIMITS	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A9J240137-001 Prep Batch #....: 9299014							
Leach Date.....: 10/25/09 Leach Batch #...: P929802							
Arsenic	104	(50 - 150)			SW846 6010B	10/27-10/28/09	LM8WV1AN
	102	(50 - 150)	2.0	(0-20)	SW846 6010B	10/27-10/28/09	LM8WV1AP
Dilution Factor: 5							
Barium	104	(50 - 150)			SW846 6010B	10/27-10/28/09	LM8WV1AQ
	103	(50 - 150)	1.3	(0-20)	SW846 6010B	10/27-10/28/09	LM8WV1AR
Dilution Factor: 5							
Cadmium	108	(50 - 150)			SW846 6010B	10/27-10/28/09	LM8WV1AT
	106	(50 - 150)	2.2	(0-20)	SW846 6010B	10/27-10/28/09	LM8WV1AU
Dilution Factor: 5							
Chromium	101	(50 - 150)			SW846 6010B	10/27-10/28/09	LM8WV1AV
	99	(50 - 150)	1.8	(0-20)	SW846 6010B	10/27-10/28/09	LM8WV1AW
Dilution Factor: 5							
Lead	107	(50 - 150)			SW846 6010B	10/27-10/28/09	LM8WV1AX
	104	(50 - 150)	2.0	(0-20)	SW846 6010B	10/27-10/28/09	LM8WV1A0
Dilution Factor: 5							
Selenium	111	(50 - 150)			SW846 6010B	10/27-10/28/09	LM8WV1A1
	109	(50 - 150)	1.6	(0-20)	SW846 6010B	10/27-10/28/09	LM8WV1A2
Dilution Factor: 5							
Silver	111	(50 - 150)			SW846 6010B	10/27-10/28/09	LM8WV1A3
	108	(50 - 150)	2.0	(0-20)	SW846 6010B	10/27-10/28/09	LM8WV1A4
Dilution Factor: 5							
Mercury	109	(50 - 150)			SW846 7470A	10/27/09	LM8WV1AL
	117	(50 - 150)	6.9	(0-20)	SW846 7470A	10/27/09	LM8WV1AM
Dilution Factor: 1							

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #....: A9J260134

Matrix.....: SOLID

Date Sampled....: 10/23/09 11:35 Date Received...: 10/24/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A9J240137-001 Prep Batch #....: 9299014 Leach Date.....: 10/25/09 Leach Batch #...: P929802									
Arsenic									
	5.0		5.2	mg/L	104		SW846 6010B	10/27-10/28/09	LM8WV1A
	5.0		5.1	mg/L	102	2.0	SW846 6010B	10/27-10/28/09	LM8WV1A
Dilution Factor: 5									
Barium									
	50.0		52.9	mg/L	104		SW846 6010B	10/27-10/28/09	LM8WV1A
	50.0		52.2	mg/L	103	1.3	SW846 6010B	10/27-10/28/09	LM8WV1A
Dilution Factor: 5									
Cadmium									
	1.0		1.1	mg/L	108		SW846 6010B	10/27-10/28/09	LM8WV1A
	1.0		1.1	mg/L	106	2.2	SW846 6010B	10/27-10/28/09	LM8WV1A
Dilution Factor: 5									
Chromium									
	5.0		5.0	mg/L	101		SW846 6010B	10/27-10/28/09	LM8WV1A
	5.0		4.9	mg/L	99	1.8	SW846 6010B	10/27-10/28/09	LM8WV1A
Dilution Factor: 5									
Lead									
	5.0		5.4	mg/L	107		SW846 6010B	10/27-10/28/09	LM8WV1A
	5.0		5.3	mg/L	104	2.0	SW846 6010B	10/27-10/28/09	LM8WV1A
Dilution Factor: 5									
Selenium									
	1.0		1.1	mg/L	111		SW846 6010B	10/27-10/28/09	LM8WV1A
	1.0		1.1	mg/L	109	1.6	SW846 6010B	10/27-10/28/09	LM8WV1A
Dilution Factor: 5									
Silver									
	1.0		1.1	mg/L	111		SW846 6010B	10/27-10/28/09	LM8WV1A
	1.0		1.1	mg/L	108	2.0	SW846 6010B	10/27-10/28/09	LM8WV1A
Dilution Factor: 5									
Mercury									
	0.0050		0.0055	mg/L	109		SW846 7470A	10/27/09	LM8WV1A
	0.0050		0.0059	mg/L	117	6.9	SW846 7470A	10/27/09	LM8WV1A
Dilution Factor: 1									

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: A9J260134

Matrix.....: SOLID

Date Sampled...: 10/20/09 11:30 Date Received...: 10/22/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD LIMITS	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A9J220199-002 Prep Batch #... : 9300019							
Leach Date..... : 10/26/09 Leach Batch #... : P929905							
Arsenic	105	(50 - 150)			SW846 6010B	10/27-10/28/09	LM3TR1AU
	105	(50 - 150)	0.88	(0-20)	SW846 6010B	10/27-10/28/09	LM3TR1AV
Dilution Factor: 5							
Barium	102	(50 - 150)			SW846 6010B	10/27-10/28/09	LM3TR1AW
	102	(50 - 150)	0.80	(0-20)	SW846 6010B	10/27-10/28/09	LM3TR1AX
Dilution Factor: 5							
Cadmium	104	(50 - 150)			SW846 6010B	10/27-10/28/09	LM3TR1A0
	104	(50 - 150)	0.42	(0-20)	SW846 6010B	10/27-10/28/09	LM3TR1A1
Dilution Factor: 5							
Chromium	101	(50 - 150)			SW846 6010B	10/27-10/28/09	LM3TR1A2
	100	(50 - 150)	0.38	(0-20)	SW846 6010B	10/27-10/28/09	LM3TR1A3
Dilution Factor: 5							
Lead	108	(50 - 150)			SW846 6010B	10/27-10/28/09	LM3TR1A4
	108	(50 - 150)	0.49	(0-20)	SW846 6010B	10/27-10/28/09	LM3TR1A5
Dilution Factor: 5							
Selenium	106	(50 - 150)			SW846 6010B	10/27-10/28/09	LM3TR1A6
	105	(50 - 150)	0.92	(0-20)	SW846 6010B	10/27-10/28/09	LM3TR1A7
Dilution Factor: 5							
Silver	104	(50 - 150)			SW846 6010B	10/27-10/28/09	LM3TR1A8
	103	(50 - 150)	0.75	(0-20)	SW846 6010B	10/27-10/28/09	LM3TR1A9
Dilution Factor: 5							
Mercury	114	(50 - 150)			SW846 7470A	10/27/09	LM3TR1CA
	113	(50 - 150)	1.1	(0-20)	SW846 7470A	10/27/09	LM3TR1CC
Dilution Factor: 1							

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #....: A9J260134

Matrix.....: SOLID

Date Sampled....: 10/20/09 11:30 Date Received...: 10/22/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A9J220199-002 Prep Batch #....: 9300019 Leach Date.....: 10/26/09 Leach Batch #...: P929905									
Arsenic									
	ND	5.0	5.3	mg/L	105		SW846 6010B	10/27-10/28/09	LM3TR1A
	ND	5.0	5.2	mg/L	105	0.88	SW846 6010B	10/27-10/28/09	LM3TR1A
Dilution Factor: 5									
Barium									
	0.37	50.0	51.5	mg/L	102		SW846 6010B	10/27-10/28/09	LM3TR1A
	0.37	50.0	51.1	mg/L	102	0.80	SW846 6010B	10/27-10/28/09	LM3TR1A
Dilution Factor: 5									
Cadmium									
	0.0011	1.0	1.0	mg/L	104		SW846 6010B	10/27-10/28/09	LM3TR1A
	0.0011	1.0	1.0	mg/L	104	0.42	SW846 6010B	10/27-10/28/09	LM3TR1A
Dilution Factor: 5									
Chromium									
	ND	5.0	5.0	mg/L	101		SW846 6010B	10/27-10/28/09	LM3TR1A
	ND	5.0	5.0	mg/L	100	0.38	SW846 6010B	10/27-10/28/09	LM3TR1A
Dilution Factor: 5									
Lead									
	0.0022	5.0	5.4	mg/L	108		SW846 6010B	10/27-10/28/09	LM3TR1A
	0.0022	5.0	5.4	mg/L	108	0.49	SW846 6010B	10/27-10/28/09	LM3TR1A
Dilution Factor: 5									
Selenium									
	0.0084	1.0	1.1	mg/L	106		SW846 6010B	10/27-10/28/09	LM3TR1A
	0.0084	1.0	1.1	mg/L	105	0.92	SW846 6010B	10/27-10/28/09	LM3TR1A
Dilution Factor: 5									
Silver									
	ND	1.0	1.0	mg/L	104		SW846 6010B	10/27-10/28/09	LM3TR1A
	ND	1.0	1.0	mg/L	103	0.75	SW846 6010B	10/27-10/28/09	LM3TR1A
Dilution Factor: 5									
Mercury									
	ND	0.0050	0.0057	mg/L	114		SW846 7470A	10/27/09	LM3TR1A
	ND	0.0050	0.0056	mg/L	113	1.1	SW846 7470A	10/27/09	LM3TR1A
Dilution Factor: 1									

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Regulatory program:

☐ Other

TestAmerica Laboratories, Inc.

25 of 28

Lot Number: A9J2401379 10/26/00
A9J260134

14. CHAIN OF CUSTODY

Sample(s)	were received after the recommended holding time had expired.
Sample(s)	were received in a broken container.
Sample(s)	were received with bubble >8 mm in diameter. (Notify PM)

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 031909-HNO₃; Sulfuric Acid Lot# 082509-H₂SO₄; Sodium Hydroxide Lot# 100108 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH₃COO)₂ZN/NaOH. What time was preservative added to sample(s)?

[illegible]

[illegible]

END OF REPORT

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Grant Anderson
Conestoga-Rovers & Associates, Inc.
PROJECT NO. 54633
Jefferson Yard

SAMPLE SUMMARY

<u>WO #</u>	<u>LABORATORY ID</u>	<u>SAMPLE IDENTIFICATION</u>
LNPVQ	A9K030422-001	W-091102-PS-RB3 Rinsate Blank

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager
denise.heckler@testamericainc.com

Approved for release.
Denise D. Heckler
Project Manager
11/17/2009 11:08 AM

November 17, 2009**TestAmerica Laboratories, Inc.**

TestAmerica North Canton 4101 Shuffel Street NW, North Canton, OH 44720

Tel (330)497-9396 Fax (330)497-0772 www.testamericainc.com

CASE NARRATIVE

A9K030422

The following report contains the analytical results for one water sample submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the Jefferson Yard Site, project number 54633. The sample was received November 03, 2009, according to documented sample acceptance procedures.

TestAmerica utilizes USEPA approved methods in all analytical work. The sample presented in this report was analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Grant Anderson on November 17, 2009. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

All parameters were evaluated to the method detection limit and include qualified results where applicable.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperature of the cooler upon sample receipt was 3.9°C.

CASE NARRATIVE (continued)

POLYCHLORINATED BIPHENYLS-8082

There were no client requested Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples in batch(es) 9308340. Therefore, the laboratory has included a Laboratory Control Sample Duplicate (LCSD) in the QC batch. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system.

The LCS associated with batch(es) 9308340 had recoveries above acceptance criteria, but since the samples were non-detect, no corrective action was needed.

METALS

The matrix spike/matrix spike duplicate(s) for batch(es) 9308014 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the reparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

<u>Volatile (GC or GC/MS)</u>	<u>Semivolatile (GC/MS)</u>	<u>Metals ICP-MS</u>	<u>Metals ICP Trace</u>
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

QUALITY CONTROL ELEMENTS NARRATIVE (continued)

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.
- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the reparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.



TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada
(#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190), NAVY,
ARMY, USDA Soil Permit

EXECUTIVE SUMMARY - Detection Highlights

A9K030422

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
NO DETECTABLE PARAMETERS				

ANALYTICAL METHODS SUMMARY

A9K030422

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
PCBs by SW-846 8082	SW846 8082
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A9K030422

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LNPVQ	001	W-091102-PS-RB3	11/02/09	14:00

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Rinsate Blank

Client Sample ID: W-091102-PS-RB3

GC Semivolatiles

Lot-Sample #....: A9K030422-001 Work Order #....: LNPVQ1AA Matrix.....: WQ
 Date Sampled....: 11/02/09 14:00 Date Received...: 11/03/09
 Prep Date.....: 11/04/09 Analysis Date...: 11/05/09
 Prep Batch #....: 9308340
 Dilution Factor: 1 Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.17
Aroclor 1221	ND	1.0	ug/L	0.13
Aroclor 1232	ND	1.0	ug/L	0.16
Aroclor 1242	ND	1.0	ug/L	0.22
Aroclor 1248	ND	1.0	ug/L	0.10
Aroclor 1254	ND	1.0	ug/L	0.16
Aroclor 1260	ND	1.0	ug/L	0.17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(27 - 130)
Decachlorobiphenyl	20	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: W-091102-PS-RB3

TOTAL Metals

Lot-Sample #...: A9K030422-001

Matrix.....: WQ

Date Sampled...: 11/02/09 14:00 Date Received...: 11/03/09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9308014						
Cadmium	ND	5.0	ug/L	SW846 6010B	11/04-11/05/09	LNPVQ1AC
		Dilution Factor: 1		MDL.....: 0.66		
Lead	ND	3.0	ug/L	SW846 6010B	11/04-11/05/09	LNPVQ1AD
		Dilution Factor: 1		MDL.....: 1.9		

QUALITY CONTROL SECTION

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A9K030422
 MB Lot-Sample #: A9K040000-340

Work Order #...: LNTEG1AA

Matrix.....: WATER

Analysis Date...: 11/05/09
 Dilution Factor: 1

Prep Date.....: 11/04/09

Prep Batch #...: 9308340

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Aroclor 1016	ND	1.0	ug/L	SW846 8082
Aroclor 1221	ND	1.0	ug/L	SW846 8082
Aroclor 1232	ND	1.0	ug/L	SW846 8082
Aroclor 1242	ND	1.0	ug/L	SW846 8082
Aroclor 1248	ND	1.0	ug/L	SW846 8082
Aroclor 1254	ND	1.0	ug/L	SW846 8082
Aroclor 1260	ND	1.0	ug/L	SW846 8082
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Tetrachloro-m-xylene	86		(27 - 130)	
Decachlorobiphenyl	66		(10 - 127)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A9K030422

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A9K040000-014 Prep Batch #... : 9308014						
Cadmium	ND	5.0	ug/L	SW846 6010B	11/04-11/05/09	LNRJ21AR
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	11/04-11/05/09	LNRJ21AT
		Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: A9K030422 Work Order #....: LNTEG1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A9K040000-340 LNTEG1AD-LCSD
 Prep Date,.....: 11/04/09 Analysis Date...: 11/05/09
 Prep Batch #....: 9308340
 Dilution Factor: 2

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Aroclor 1016	121 a	(44 - 119)			SW846 8082
	101	(44 - 119)	18	(0-30)	SW846 8082
Aroclor 1260	70	(41 - 118)			SW846 8082
	77	(41 - 118)	9.1	(0-30)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	80	(27 - 130)
	90	(27 - 130)
Decachlorobiphenyl	36	(10 - 127)
	41	(10 - 127)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: A9K030422 Work Order #....: LNTEG1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: A9K040000-340 LNTEG1AD-LCSD
 Prep Date.....: 11/04/09 Analysis Date...: 11/05/09
 Prep Batch #....: 9308340
 Dilution Factor: 2

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	10	12 a	ug/L	121		SW846 8082
	10	10	ug/L	101	18	SW846 8082
Aroclor 1260	10	7.0	ug/L	70		SW846 8082
	10	7.7	ug/L	77	9.1	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(27 ~ 130)
	90	(27 ~ 130)
Decachlorobiphenyl	36	(10 ~ 127)
	41	(10 ~ 127)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: A9K030422

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: A9K040000-014 Prep Batch #....: 9308014					
Cadmium	95	(80 - 120)	SW846 6010B	11/04-11/05/09	LNRJ21AX
		Dilution Factor: 1			
Lead	98	(80 - 120)	SW846 6010B	11/04-11/05/09	LNRJ21A0
		Dilution Factor: 1			

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: A9K030422

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A9K040000-014 Prep Batch #....: 9308014							
Cadmium	50.0	48.0	ug/L	95	SW846 6010B	11/04-11/05/09	LNRJ21AX
			Dilution Factor: 1				
Lead	500	490	ug/L	98	SW846 6010B	11/04-11/05/09	LNRJ21A0
			Dilution Factor: 1				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A9K030422

Matrix.....: WATER

Date Sampled...: 10/29/09 13:00 Date Received...: 11/03/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A9K030541-001 Prep Batch #... : 9308014						
Cadmium	120	(75 - 125)		SW846 6010B	11/04-11/05/09	LNQVD1A4
	72 N	(75 - 125)	13 (0-20)	SW846 6010B	11/04-11/05/09	LNQVD1A5
		Dilution Factor: 20				
Lead	100	(75 - 125)		SW846 6010B	11/04-11/05/09	LNQVD1A7
	80	(75 - 125)	14 (0-20)	SW846 6010B	11/04-11/05/09	LNQVD1A8
		Dilution Factor: 20				

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A9K030422

Matrix.....: WATER

Date Sampled...: 10/29/09 13:00 Date Received...: 11/03/09

PARAMETER	AMOUNT	SAMPLE SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
-----------	--------	---------------------	------------------	-------	------------------	-----	--------	-------------------------------	-----------------

MS Lot-Sample #: A9K030541-001 Prep Batch #...: 9308014

Cadmium

140	50.0	200	ug/L	120			SW846 601CB	11/04-11/05/09	LNQVD1A4
140	50.0	170 N	ug/L	72	13		SW846 601CB	11/04-11/05/09	LNQVD1A5

Dilution Factor: 20

Lead

290	500	790	ug/L	100			SW846 6010B	11/04-11/05/09	LNQVD1A7
290	500	690	ug/L	80	14		SW846 6010B	11/04-11/05/09	LNQVD1A8


Dilution Factor: 20

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

CHAIN OF CUSTODY RECORD

 CONESTOGA-ROVERS & ASSOCIATES <i>Grant Anderson</i> <i>651-639-0913</i>			SHIPPED TO (Laboratory Name): <div style="font-size: 1.5em; text-align: center;"><i>Test America</i></div>			REFERENCE NUMBER: <div style="font-size: 1.5em; text-align: center;"><i>054633</i></div>		
SAMPLER'S SIGNATURE: <i>[Signature]</i>			PRINTED NAME: <i>Rekr Storie</i>			<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">PARAMETERS</div> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 2px;"><i>PCB</i></div> <div style="border: 1px solid black; padding: 2px;"><i>T-26x6</i></div> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">STANDARD TAT</div> </div>		
SEQ. No.	DATE	TIME	SAMPLE No.	SAMPLE TYPE	No. of Containers			
	<i>11/2/09</i>	<i>1400</i>	<i>W-091102-PS-RB3</i>	<i>white</i>	<i>2</i>			
<div style="font-size: 4em; transform: rotate(45deg); opacity: 0.5;">/</div>								
TOTAL NUMBER OF CONTAINERS					<i>2</i>	HEALTH/CHEMICAL HAZARDS		
RELINQUISHED BY: ① <i>[Signature]</i>			DATE: <i>11/2/09</i> TIME: <i>1400</i>		RECEIVED BY: ① _____			DATE: _____ TIME: _____
RELINQUISHED BY: ② _____			DATE: _____ TIME: _____		RECEIVED BY: ② _____			DATE: _____ TIME: _____
RELINQUISHED BY: ③ _____			DATE: _____ TIME: _____		RECEIVED BY: ③ _____			DATE: _____ TIME: _____
METHOD OF SHIPMENT: <i>Fed Ex Over night</i>					WAY BILL No. _____			
White — Fully Executed Copy Yellow — Receiving Laboratory Copy Pink — Shipper Copy Goldenrod — Sampler Copy			SAMPLE TEAM: <i>Storie</i>		RECEIVED FOR LABORATORY BY: <i>[Signature]</i> DATE: <i>11/3/09</i> TIME: <i>9:10</i>			
					Nº CRA 22179			

TestAmerica Cooler Receipt Form/Narrative

 Lot Number: A9K030422
North Canton Facility

 Client CRA Project 54633 By: Chi Ding
 Cooler Received on 11-3-09 Opened on 11-3-09 (Signature)

 FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other

 TestAmerica Cooler # C328 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other

 1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐

If YES, Quantity _____ Quantity Unsalvageable _____

 Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐

 Were custody seals on the bottle(s)? Yes ☐ No ☒

If YES, are there any exceptions? _____

 2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐

 3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐

 4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐

 5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other

 6. Cooler temperature upon receipt 3.9 °C See back of form for multiple coolers/temps ☐

 METHOD: IR ☒ Other ☐

 COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

 7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐

 8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐

 9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☐

 10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐

 11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒

 12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐

 13. Was a trip blank present in the cooler(s)? Yes ☐ No ☒ Were VOAs on the COC? Yes ☐ No ☒

 Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐

Concerning

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

 Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 031909-HNO₃; Sulfuric Acid Lot# 082509-H₂SO₄; Sodium Hydroxide Lot# 100108 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH₃COO)₂ZN/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
<u>RB3</u>	<u>2</u>	<u>11/3/09</u>	<u>CSL</u>

North Canton Facility

[illegible]

Discrepancies Conf:

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

END OF REPORT

ATTACHMENT E
COPIES OF WASTE MANIFESTS

Approval: J094128WDI
 Receipt Date: 10/01/2009 .. 11/30/2009
 Receipt Status: All
 Trans Mode (Inbound/Outbound): Both
 Bulk Mode (Bulk/Non-Bulk): Both

Receipt List

Wayne Disposal, Inc.
 1 Wayne Disposal, Inc.

Manifest/BOL / Customer			Generator	Waste Stream	Approval / Product TSDF Approval	Waste Code	Bill Unit	Quantity	Rec.Status	Fpr. Status / Outbound	Date
Receipt ID	Commingled										
✓ 1179345-1	001893721JJK	99999	EQIS - PMG	ILR000048637	CITY OF ELGIN	J094128WDI	PCB1 TONS	25.41	Accepted	Accepted	11/2/2009
✓ 1179346-1	001873720JJK	99999	EQIS - PMG	ILR000048637	CITY OF ELGIN	J094128WDI	PCB1 TONS	25.01	Accepted	Accepted	11/2/2009
✓ 1179348-1	001893719JJK	99999	EQIS - PMG	ILR000048637	CITY OF ELGIN	J094128WDI	PCB1 TONS	26.62	Accepted	Accepted	11/2/2009
✓ 1179350-1	001893722JJK	99999	EQIS - PMG	ILR000048637	CITY OF ELGIN	J094128WDI	PCB1 TONS	26.16	Accepted	Accepted	11/2/2009
✓ 1179352-1	001893724JJK	99999	EQIS - PMG	ILR000048637	CITY OF ELGIN	J094128WDI	PCB1 TONS	25.80	Accepted	Accepted	11/2/2009
✓ 1179353-1	001893723JJK	99999	EQIS - PMG	ILR000048637	CITY OF ELGIN	J094128WDI	PCB1 TONS	25.73	Accepted	Accepted	11/2/2009
✓ 1179359-1	001893726JJK	99999	EQIS - PMG	ILR000048637	CITY OF ELGIN	J094128WDI	PCB1 TONS	25.69	Accepted	Accepted	11/3/2009
✓ 1179360-1	001893725JJK	99999	EQIS - PMG	ILR000048637	CITY OF ELGIN	J094128WDI	PCB1 TONS	23.50	Accepted	Accepted	11/3/2009
✓ 1179361-1	001893727JJK	99999	EQIS - PMG	ILR000048637	CITY OF ELGIN	J094128WDI	PCB1 TONS	24.04	Accepted	Accepted	11/3/2009
✓ 1179398-1	001893728JJK	99999	EQIS - PMG	ILR000048637	CITY OF ELGIN	J094128WDI	PCB1 TONS	24.61	Accepted	Accepted	11/3/2009
✓ 1179399-1	001893729JJK	99999	EQIS - PMG	ILR000048637	CITY OF ELGIN	J094128WDI	PCB1 TONS	25.75	Accepted	Accepted	11/3/2009
✓ 1179408-1	001893730JJK	99999	EQIS - PMG	ILR000048637	CITY OF ELGIN	J094128WDI	PCB1 TONS	24.44	Accepted	Accepted	11/4/2009
✓ 1179430-1	001893731JJK	99999	EQIS - PMG	ILR000048637	CITY OF ELGIN	J094128WDI	PCB1 TONS	17.37	Accepted	Accepted	11/4/2009
Total quantity for bill unit TONS:								320.13			

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQIS - PMG
TRANSPORTATION & SITE SERVICES
2701 NORTH I-94 SERVICE DRIVE
YPSILANTI, MI 48198

Receipt ID: 1179345
EQ Account #: 99999
Manifest / BOL: 001893721JJK
Transporter: BEELMAN2
Date: 11/02/2009
Time In: 2:58 PM
Time Out: 3:56 PM

Line	Description Generator	Qty.	Unit
1 - A	J094128WDI - TSCA Soil	25.410	TONS
	Hazardous Surcharge Ton	25.410	TONS
	ILR000048637 CITY OF ELGIN		
	Gross: 79,680 Tare: 28,860 Net: 50,820		

NO SALVAGING ON PREMISES

(3)

9/65

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ILR 000 048 637	2. Page 1 of 1	3. Emergency Response Phone 630 327 9601	4. Manifest Tracking Number 001893721 JJK
5. Generator's Name and Mailing Address City of Elgin 150 Dexter St Elgin IL 60120		Generator's Site Address (if different than mailing address) 20 Jefferson Ave. Elgin IL 60120			
6. Transporter 1 Company Name Bee-Lman		U.S. EPA ID Number ILR 000 135 236			
7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address Wayne Disposal Inc SITE 2 Landfill 49350 N I94 Service Dr Belleville MI 48111 800 592 5489		U.S. EPA ID Number MI0048090633			
Facility's Phone					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity
	X	UN3132 Polychlorinated biphenyls solid, 9, PG II	1 DT 2,500 Kg		PCB
13. Waste Codes					
14. Special Handling Instructions and Additional Information 509412B WDI/TSCA SOLID / Storage Start Date: 11-2-09 Unique Container ID: 3					
15. GENERATOR/SUPPLIER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Supplier's Printed/Typed Name Mark Wilson As Agent for City of Elgin		Signature Mark Wilson		Month Day Year 11 2 09	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:			
17. Transporter Acknowledgment of Receipt of Materials					
TRANSPORTER	Transporter 1 Printed/Typed Name MUSRET KARALIC 9/65/38809		Signature Musret Karalic		Month Day Year 11 2 09
	Transporter 2 Printed/Typed Name		Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy				
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number				
	Facility's Phone:				
	18c. Signature of Alternate Facility (or Generator) Month Day Year				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. 1132		2.		3.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name David Tarnacki		Signature David Tarnacki		Month Day Year 11 2 09	

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid
 and specified on Manifest # 001893721JJK, Line Item 1 has been landfilled on
11/2, 2009 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.
 (EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111
 Telephone: 1-800-KWALITY (592-5489)
 Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQIS - PMG
TRANSPORTATION & SITE SERVICES
2701 NORTH I-94 SERVICE DRIVE
YPSILANTI, MI 48198

Receipt ID: 1179346
EQ Account #: 99999
Manifest / BOL: 001873720JJK
Transporter: BEELMAN2
Date: 11/02/2009
Time In: 3:15 PM
Time Out: 4:01 PM

Line	Description Generator	Qty. Unit
1 - A	J094128WDI - TSCA Soil	25.010 TONS
	Hazardous Surcharge Ton	25.010 TONS
	ILR000048637 CITY OF ELGIN	
Gross: 78,080 Tare: 28,060 Net: 50,020		

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-004

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ILR 000 048 637	2. Page 1 of 1	3. Emergency Response Phone 630 327 9481	4. Manifest Tracking Number 001893720 JJK	
5. Generator's Name and Mailing Address CITY OF ELGIN 150 DUNDAS CT ELGIN IL 60120		Generator's Site Address (if different than mailing address) 20 Jefferson Ave ELGIN IL 60120				
Generator's Phone: 847 931 5659		U.S. EPA ID Number ILR 000 135 236				
6. Transporter 1 Company Name Beelman		U.S. EPA ID Number				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address Wayne Disposal, Inc. SITE 2 LANDFILL 49350 N 154 Service Drive Belleville MI 48111		U.S. EPA ID Number M1D048 090 633				
Facility's Phone: 800 592 5489						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	A	UN3182 Polychlorinated biphenyls, SOLID, 9, PG11	1	DT	22,500	Kg
						13. Waste Codes PCB1
14. Special Handling Instructions and Additional Information JO94128WPI / TSCA SOIL / Storage Start Date: 11-2-09 Unique Container ID: 2						
15. GENERATOR'S/SHIPPER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of the consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name Mark Wilson As Agent for City of Elgin		Signature <i>Mark Wilson</i>		Month Day Year 11 2 09		
16. International Shipments <input checked="" type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Serry Knapp 2177/38628		Signature <i>Serry Knapp</i>		Month Day Year 11 2 09		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Spec <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. H132 2. 3.						
20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name Mark Wilson		Signature <i>Mark Wilson</i>		Month Day Year 11 02 09		

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as

pcb solid

and specified on Manifest #

001893720JK

, Line Item 1

has been landfilled on

11/02

, 2009

in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

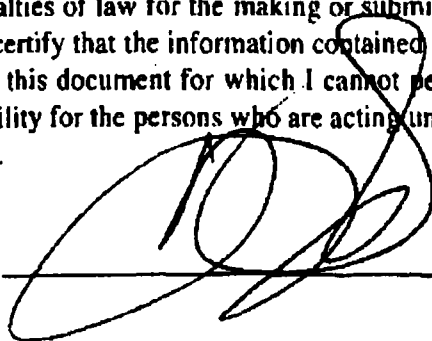
49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____




THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQIS - PMG
TRANSPORTATION & SITE SERVICES
2701 NORTH I-94 SERVICE DRIVE
YPSILANTI, MI 48198

Receipt ID: 1179348
EQ Account #: 99999
Manifest / BOL: 001893719JJK
Transporter: BEELMAN2
Date: 11/02/2009
Time In: 3:23 PM
Time Out: 4:41 PM

Line	Description Generator	Qty. Unit
1 - A	J094128WDI - TSCA Soil	26.620 TONS
	Hazardous Surcharge Ton	26.620 TONS
	ILR000048637 CITY OF ELGIN	
Gross: 81,420 Tare: 28,180 Net: 53,240		

NO SALVAGING ON PREMISES

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ILR 000 048 637	2. Page 1 of 1	3. Emergency Response Phone 630 327 9681	4. Manifest Tracking Number 001893719 JJK	
5. Generator's Name and Mailing Address City of Elgin, 1500 Jackson Court, Elgin, IL 60120		Generator's Site Address (if different than mailing address) 20 Jefferson Ave, Ave Elgin IL 60120				
Generator's Phone: 815 343 5655		U.S. EPA ID Number ILR000135236				
6. Transporter 1 Company Name Beelman		U.S. EPA ID Number				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address WAYNE DISPOSAL, INC. SITE 2 LANDFILL, 49350 N-194 Service Drive, Bensenville, IL 48111		U.S. EPA ID Number MID 048 090 633				
Facility's Phone: 800 592-5489						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	K	UN 3432, Poly chlorinated biphenyls, solid, 7, PGI	1	DT	22,500	Kg
13. Waste Codes						
14. Special Handling Instructions and Additional Information JO94128WD1/TSCA soil/Storage Start Date: 11-2-09 Unique Container ID: 1						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name Mark Wilson		Signature Mark Wilson		Month Day Year 11 2 09		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Ray Stiff		Signature R Stiff		Month Day Year 11 2 09		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. 11132		2.		3.		4.
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a						
Printed/Typed Name David Tarnacki		Signature David Tarnacki		Month Day Year 11 2 09		

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid
and specified on Manifest # 001893719JJK, Line Item 01 has been landfilled on
11/2, 2009 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQIS - PMG
TRANSPORTATION & SITE SERVICES
2701 NORTH I-94 SERVICE DRIVE
YPSILANTI, MI 48198

Receipt ID: 1179350
EQ Account #: 99999
Manifest / BOL: 001893722JJJ
Transporter: BEELMAN2
Date: 11/02/2009
Time In: 3:57 PM
Time Out: 4:36 PM

Line	Description Generator	Qty. Unit
1 - A	J094128WDI - TSCA Soil	26.160 TONS
	Hazardous Surcharge Ton	26.160 TONS
	ILR000048637 CITY OF ELGIN	
	Gross: 80,600 Tare: 28,280 Net: 52,320	

④

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-003

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ILR 000 048 637	2. Page 1 of 1	3. Emergency Response Phone 630 327-9681	4. Manifest Tracking Number 001893722 JJK
5. Generator's Name and Mailing Address City of Elgin, William L. Gley 150 Dexter Ct Elgin IL 60120 847 731 5253		Generator's Site Address (if different than mailing address) 20 Jefferson Ave Elgin IL 60120			
6. Generator's Phone 847 731 5253		8. Transporter 1 Company Name Deelman		U.S. EPA ID Number IL R000135 236	
7. Transporter 2 Company Name				U.S. EPA ID Number	
8. Designated Facility Name and Site Address Wayne Disposal Inc SITE 2 LANDFILL 49350 N. 94 Service Dr Bellefonte MI 48111 800 592 5489				U.S. EPA ID Number MID 048 090 633	
Facility's Phone					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity
	1	UN 3432 Polychlorinated biphenyls solid, 9, PGII	1 DT		22,500 Kg
	2				
	3				
	4				
13. Waste Codes PCB1					
14. Special Handling Instructions and Additional Information JO94128WBI/TSCA soil/ storage start Date: 11-2-09 Unique Container ID: 4					
15. GENERATOR/SOFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Officer's Printed/Typed Name Mark Wilson As Agent for City of Elgin		Signature Mark Wilson		Month Day Year 11 2 09	
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:		
	17. Transporter Acknowledgment of Receipt of Materials				
TRANSPORTER	Transporter 1 Printed/Typed Name RANDALL STAPLETON 7153/38621		Signature Randall Stapleton		Month Day Year 11 2 09
	Transporter 2 Printed/Typed Name		Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy				
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	Manifest Reference Number:				
	18b. Alternate Facility (or Generator) U.S. EPA ID Number				
	Facility's Phone				
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. H132		2.		3.	
4.		5.		6.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 16a					
Printed/Typed Name David Tarnacki		Signature David Tarnacki		Month Day Year 11 2 09	

CERTIFICATE OF DISPOSAL



FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as

PCB S1A

and specified on Manifest # 061893722 JJK, Line Item 1 has been landfilled on

11/2, 2009 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

[Handwritten Signature]

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQIS - PMG
TRANSPORTATION & SITE SERVICES
2701 NORTH I-94 SERVICE DRIVE
YPSILANTI, MI 48198

Receipt ID: 1179352
EQ Account #: 99999
Manifest / BOL: 001893724JJK
Transporter: BEELMAN2
Date: 11/02/2009
Time In: 4:39 PM
Time Out: 5:22 PM

Line	Description Generator	Qty. Unit
1 - A	J094128WDI - TSCA Soil	25.800 TONS
	Hazardous Surcharge Ton	25.800 TONS
	ILR000048637 CITY OF ELGIN	
	Gross: 79,500 Tare: 27,900 Net: 51,600	

NO SALVAGING ON PREMISES

⑥

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ILR000048637	2. Page 1 of 1	3. Emergency Response Phone 630 3279681	4. Manifest Tracking Number 001893724 JJK	
5. Generator's Name and Mailing Address City of Elgin 14th W. 11th S. Hwy 150 Porter St Elgin IL 60120		Generator's Site Address (if different than mailing address) 20 Jefferson Ave Elgin IL 60120				
6. Generator's Phone: Elgin IL 60120 8479315683		U.S. EPA ID Number ILR000135236				
6. Transporter 1 Company Name Beelman		U.S. EPA ID Number				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address Wayne Asposal Inc SITE 2 LANDFILL 45350 N. I-94 Service Drive Belleville MI 48111		U.S. EPA ID Number MI0048090633				
Facility's Phone: 800 592-5483						
GENERATOR	9a. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	UN3432 Polychlorinated Biphenyls SOLID, 9, PG II	No.	Type			
		1	OT	22,500	Kg	P001
14. Special Handling Instructions and Additional Information JO9412BWD1 /TSCA POLY/ Storage Start Date 11-2-09 Unique Container ID 6						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name Mark Wilson As Agent for City of Elgin		Signature <i>Mark Wilson</i>		Month Day Year 11 2 09		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit:		Date leaving U.S.:		
Transporter signature (for exports only):						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Steven M. Wilson 71621		Signature <i>Steven M. Wilson</i>		Month Day Year 11 2 09		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indicate on Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. H132		2.		3.		4.
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a						
Printed/Typed Name Dave Tarnali		Signature <i>Dave Tarnali</i>		Month Day Year 11 2 09		

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB Solid
 and specified on Manifest # 001843724JK, Line Item 1 has been landfilled on
11/2, 2009 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQIS - PMG
TRANSPORTATION & SITE SERVICES
2701 NORTH I-94 SERVICE DRIVE
YPSILANTI, MI 48198

Receipt ID: 1179353
EQ Account #: 99999
Manifest / BOL: 001893723JJK
Transporter: BEELMAN2
Date: 11/02/2009
Time In: 4:49 PM
Time Out: 5:25 PM

Line	Description Generator	Qty. Unit
1 - A	J094128WDI - TSCA Soil	25.730 TONS
	Hazardous Surcharge Ton	25.730 TONS
	ILR000048637 CITY OF ELGIN	
	Gross: 79,040 Tare: 27,580 Net: 51,460	

7172

⑤

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0035

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ILR000048637	2. Page 1 of 1	3. Emergency Response Phone 630 327 968	4. Manifest Tracking Number 001893723 JJK	
5. Generator's Name and Mailing Address CITY OF ELGIN 150 Pearl St Elgin, IL 60120		Generator's Site Address (if different from mailing address) 20 Jefferson Ave Elgin IL 60120				
6. Transporter 1 Company Name Beelman		U.S. EPA ID Number ILR000135236				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address Wayne Disposal Inc Site 2 Landfill 49350 N-194 Service Drive Bedford MI 48111 800592-5489		U.S. EPA ID Number MI0048090633				
Facility's Phone:						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	UN 3432 Polychlorinated biphenyls, solid, 9, PG II	1	DT	22,500	Kg	P001
14. Special Handling Instructions and Additional Information 5094128 WDI / TSCA SOIL / Storage Start Date: 11-2-09 Unique Container ID: 5						
15. GENERATOR/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name Mark Nilsen As Agent for City of Elgin		Signature Mark Nilsen		Month Day Year 11 2 09		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
Transporter signature (for exports only):						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Mark Nilsen		Signature Mark Nilsen		Month Day Year 11 2 09		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	H132	2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18b						
Printed/Typed Name David Tomacchi		Signature David Tomacchi		Month Day Year 11 2 09		

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as

PCB Sol.

and specified on Manifest #

001893723 JJK

Line Item

1

has been landfilled on

11/2, 2009 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

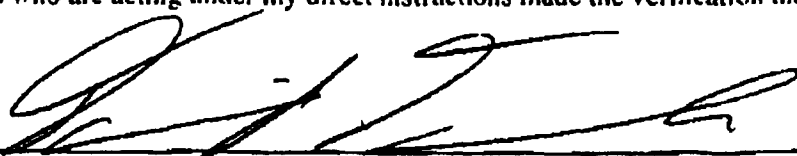
49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____




THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQIS - PMG
TRANSPORTATION & SITE SERVICES
2701 NORTH I-94 SERVICE DRIVE
YPSILANTI, MI 48198

Receipt ID: 1179359
EQ Account #: 99999
Manifest / BOL: 001893726JJK
Transporter: BEELMAN2
Date: 11/03/2009
Time In: 7:42 AM
Time Out: 8:30 AM

Line	Description	Qty.	Unit
	Generator		
1 - A	J094128WDI - TSCA Soil	25.690	TONS
	Hazardous Surcharge Ton	25.690	TONS
	ILR000048637 CITY OF ELGIN		
	Gross: 79,620	Tare: 28,240	Net: 51,380

NO SALVAGING ON PREMISES

⑧

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ILR000048637	2. Page 1 of 1	3. Emergency Response Phone 630 327 944	4. Manifest Tracking Number 001893726 JJK		
5. Generator's Name and Mailing Address City of Elgin William Logg		Generator's Site Address (if different than mailing address) 20 Jefferson Ave Elgin IL 60120					
Generator's Phone: Elgin IL 60120 847 9315659							
6. Transporter 1 Company Name Beelman		U.S. EPA ID Number ILR000135234					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address Waste Disposal Inc. Site Landfill 49350 N I 94 Service Dr. Belleville MI 48111		U.S. EPA ID Number MID 048090633					
Facility's Phone: 800 572-5489							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	UN 3432 polychlorinated biphenyls solid, 9, PG II	1 DT		22,500	Kg	PCB1
14. Special Handling Instructions and Additional Information JO94128WD1/TSCA SOIL / Storage Shd Date: 11-2-09 Unique Contain ID 8							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Mark Wilson As Agent for City of Elgin		Signature Mark Wilson		Month 11		Day 2	Year 09
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Part of entry/exit: Date leaving U.S.:					
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name JIM PRATT		Signature Jim Pratt		Month 11		Day 2
Transporter 2 Printed/Typed Name		Signature		Month		Day	Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	U.S. EPA ID Number						
	Facility's Phone:						
18b. Alternate Facility (or Generator)		Signature of Alternate Facility (or Generator)		Month		Day	Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. 1132		2.		3.		4.	
20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in item 19a. (Printed/Typed Name) COULTRY Signature [Signature] Month 11 Day 10 Year 09							

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as

and specified on

Manifest #

001893726 JK

Line Item

1

has been landfilled on

11/7, 2009

in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQIS - PMG
TRANSPORTATION & SITE SERVICES
2701 NORTH I-94 SERVICE DRIVE
YPSILANTI, MI 48198

Receipt ID: 1179360
EQ Account #: 99999
Manifest / BOL: 001893725JJK
Transporter: BEELMAN2
Date: 11/03/2009
Time In: 7:51 AM
Time Out: 8:33 AM

Line	Description Generator	Qty. Unit
1 - A	J094128WVDI - TSCA Soil	23.500 TONS
	Hazardous Surcharge Ton	23.500 TONS
	ILR000048637 CITY OF ELGIN	
Gross: 77,980 Tare: 30,980 Net: 47,000		

NO SALVAGING ON PREMISES

⑦ 306-38656

Please print or type. (Form designed for use on effie (12-pitch) typewriter.)

Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ILR 000 048 637	2. Page 1 of 1	3. Emergency Response Phone 630 327 9601	4. Manifest Tracking Number 001893725 JJJ
5. Generator's Name and Mailing Address City of Elgin William Logley 1501 Dexter Ct Elgin IL 60120 847 431 5659		Generator's Site Address (if different than mailing address) 20 Jefferson Ave Elgin IL 60120			
6. Transporter 1 Company Name Bee. Iman		U.S. EPA ID Number ILR 000 135 236			
7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address Wayne Disposal Inc SITE 2 LANDFILL 44350 N I-94 Service Drive Bellefonte MI 48111 800 592 5489		U.S. EPA ID Number MI D 048 090 633			
Facility's Phone:					
GENERATOR	9a. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
	UN3432 Polychlorinated biphenyls SOLID, 9, PG II	1	DT	22,500 Kg	PB1
14. Special Handling Instructions and Additional Information JD94128WD1 / TSCA SOIL / Storage Start Date: 11-2-09 Unique Container ID 7					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Officer's Printed/Typed Name Mark Wilson As Agent For City of Elgin		Signature Mark Wilson		Month Day Year 11 2 09	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:			
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Kenneth Jensen 306		Signature Kenneth Jensen		Month Day Year 11 2 09	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number					
Facility's Phone:					
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. H132 2. 3. 4.					
20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year					

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as pcb 50/10
and specified on Manifest # 001893725JK, Line Item 1 has been landfilled on
11/3, 2009 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQIS - PMG
TRANSPORTATION & SITE SERVICES
2701 NORTH I-94 SERVICE DRIVE
YPSILANTI, MI 48198

Receipt ID: 1179361
EQ Account #: 99999
Manifest / BOL: 001893727JJK
Transporter: BEELMAN2
Date: 11/03/2009
Time In: 7:52 AM
Time Out: 8:36 AM

Line	Description Generator	Qty. Unit
1 - A	J094128WDI - TSCA Soil	24.040 TONS
	Hazardous Surcharge Ton	24.040 TONS
	ILR000048637 CITY OF ELGIN	
	Gross: 76,300 Tare: 28,220 Net: 48,080	

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

424

Beelman ⑨ TRK 424
TRC 39929

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ILR 000048 637	2. Page 1 of 1	3. Emergency Response Phone 630 327 9681	4. Manifest Tracking Number 001893727 JJK
5. Generator's Name and Mailing Address City of Elgin William Cogley 150 Benton Ct Elgin, IL 60120 8479315859		Generator's Site Address (if different than mailing address) 20 Jefferson Ave Elgin IL 60120			
6. Generator's Phone: Elgin, IL 60120 8479315859		U.S. EPA ID Number ILR 000 135 236			
7. Transporter 1 Company Name Beelman		U.S. EPA ID Number			
8. Designated Facility Name and Site Address Wayne Disposal Inc Site 2 Landfill 49350 N. 194 Service Drive Belleville, MI 48111 800 592-5485		U.S. EPA ID Number MID 048070 633			
Facility's Phone: Belleville, MI 48111 800 592-5485					
9a. H&M	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
1	UN 3132 polychlorinated biphenyls Solid, 9, PG II	1	DT	22,500	Kg
14. Special Handling Instructions and Additional Information J094128WD1 / TSCA solid / storage start date 11-2-09 Unique Container ID 9					
15. GENERATOR'S OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Officer's Printed/Typed Name Mark Wilson As Agent for City of Elgin		Signature Mark Wilson		Month 11	Day 2
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:		Year 09	
Transporter signature (for exports only):					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Tom McCord		Signature Tom McCord		Month 11	Day 2
Transporter 2 Printed/Typed Name		Signature		Year 09	
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
18b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone:					
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a. Private Recipient's Signature Date 11-13-09					

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as pcb solid
and specified on Manifest # 001897727JJK, Line Item 1 has been landfilled on
11/3, 2009 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

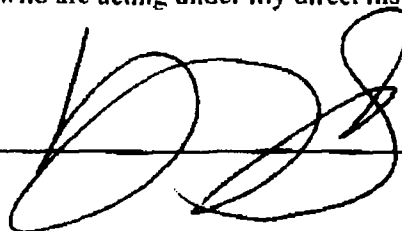
49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQIS - PMG
TRANSPORTATION & SITE SERVICES
2701 NORTH I-94 SERVICE DRIVE
YPSILANTI, MI 48198

Receipt ID: 1179398
EQ Account #: 99999
Manifest / BOL: 001893728JJJ
Transporter: BEELMAN2
Date: 11/03/2009
Time In: 2:08 PM
Time Out: 2:46 PM

Line	Description Generator	Qty. Unit
1 - A	J094128WDI - TSCA Soil	24.610 TONS
	Hazardous Surcharge Ton	24.610 TONS
	ILR000048637 CITY OF ELGIN	
Gross: 77,040 Tare: 27,820 Net: 49,220		

NO SALVAGING ON PREMISES

10

Please print or type. (Form designed for use on 8 1/2 (12-pitch) typewriter.)

Form Approved OMB No. 2050-0038

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ILR 000 048 637	2. Page 1 of 1	3. Emergency Response Phone 630 327 9681	4. Manifest Tracking Number 001893728 JJK
5. Generator's Name and Mailing Address City of Elgin William Logg 100 Delta Court Elgin IL 60120 847 931 5555		Generator's Site Address (if different than mailing address) 20 Jefferson Ave Elgin IL 60120			
6. Transporter 1 Company Name Bee Line		U.S. EPA ID Number ILR 000 135 236			
7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address Wayne Disposal, Inc Site 2 Landfill 49350 N-794 Service Dr. Bellefonte MI 49811 800 592 5489		U.S. EPA ID Number MI 0048 090 633			
Facility's Phone:					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit WL/Vol
	1. UN 3132 polychlorinated biphenyls	1	DT	22.50 Kg	PCBI
	2. SOLID 9 PB-11				
	3.				
14. Special Handling Instructions and Additional Information 509412BWD / TSCA SOL / storage stud date: 11-3-09 UNIQUE CONTAINER ID 10					
15. GENERATOR'S OFFICER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's Officer's Printed/Typed Name Mark Wilson As Agent for City of Elgin					
Signature Mark Wilson					
Month Day Year 11 3 09					
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____				
	17. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name Jerry Knapp 7177/38628					Signature Jerry Knapp
Transporter 2 Printed/Typed Name					Signature
Month Day Year 11 3 09					Month Day Year
DESIGNATED FACILITY	18. Discrepancy				
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	18b. Alternate Facility (or Generator)				
	Facility's Phone:				
18c. Signature of Alternate Facility (or Generator)					Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
20. Designated Facility Owner or Operator's Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Signature [Signature]					
Month Day Year 11 09 09					

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as pcb solid
and specified on Manifest # 001893728JJK, Line Item 1 has been landfilled on
11/3, 2009 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____

001893728JJK



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-014-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

12/12/08

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQIS - PMG
TRANSPORTATION & SITE SERVICES
2701 NORTH I-94 SERVICE DRIVE
YPSILANTI, MI 48198

Receipt ID: 1179399
EQ Account #: 99999
Manifest / BOL: 001893729JJJ
Transporter: BEELMAN2
Date: 11/03/2009
Time In: 2:11 PM
Time Out: 3:13 PM

Line	Description Generator	Qty. Unit
1 - A	J094128WDI - TSCA Soil	25.750 TONS
	Hazardous Surcharge Ton	25.750 TONS
	ILR000048637 CITY OF ELGIN	
	Gross: 79,360 Tare: 27,860 Net: 51,500	

NO SALVAGING ON PREMISES

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

6191 11

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 1LR000048 637		2. Page 1 of 1	3. Emergency Response Phone 630 3279681		4. Manifest Tracking Number 001893729 JJK		
5. Generator's Name and Mailing Address City of Elgin, William Cosky 150 Dexter Court Elgin, IL 60120 847 931 5659					Generator's Site Address (if different than mailing address) 20 Jefferson Rd Elgin, IL				
6. Transporter 1 Company Name Beelman					U.S. EPA ID Number 1LR000 135 236				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address Wayne Disposal Inc. Site 2 Landfill 49350 N 74 Service Drive Belleville, MI 48111 800 592 5458					U.S. EPA ID Number MID 048090 633				
Facility's Phone:									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	UN3432 Polychlorinated Biphenyls SCHD 9 PG11			1 DT		22,500 Kg	pcba	
14. Special Handling Instructions and Additional Information SD 94128W01 / TSCA soil / storage start date: 11-3-09 unique container ID: 11									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(e) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name Mark Wilson As Agent for City of Elgin					Signature Mark Wilson		Month Day Year 11 3 09		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Part of entry/exit: _____ Date leaving U.S.: _____								
	Transporter signature (for exports only): _____								
DESIGNATED FACILITY	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name Ray Stiff					Signature Ray Stiff		Month Day Year 11 3 09	
Transporter 2 Printed/Typed Name					Signature		Month Day Year		
18. Discrepancy									
18a. Discrepancy Indication Spec <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator)					Manifest Reference Number: _____				
Facility's Phone: _____					U.S. EPA ID Number				
18c. Signature of Alternate Facility (or Generator)							Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. 1132		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name					Signature		Month Day Year		
							11 03 09		

EPA Form 400-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as pcb solid
and specified on Manifest # 001893729 JK, Line Item 1 has been landfilled on
11/3, 2009 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQIS - PMG
TRANSPORTATION & SITE SERVICES
2701 NORTH I-94 SERVICE DRIVE
YPSILANTI, MI 48198

Receipt ID: 1179408
EQ Account #: 99999
Manifest / BOL: 001893730JJK
Transporter: BEELMAN2
Date: 11/04/2009
Time In: 7:35 AM
Time Out: 8:07 AM

Line	Description Generator	Qty. Unit
1 - A	J094128WDI - TSCA Soil	24.440 TONS
	Hazardous Surcharge Ton	24.440 TONS
	ILR000048637 CITY OF ELGIN	
	Gross: 79,560 Tare: 30,680 Net: 48,880	

#306
38656

12

Form Approved OMB No. 2050-0038

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ILR000048637	2. Page 1 of 1	3. Emergency Response Phone 6303279891	4. Manifest Tracking Number 001893730 JJK
5. Generator's Name and Mailing Address City of Elgin William Logley 180 Dexter St Elgin IL 60120 847 931 5659		Generator's Site Address (if different than mailing address) 20 Jefferson Ave Elgin IL			
6. Transporter 1 Company Name Beckman		U.S. EPA ID Number ILR000135236			
7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address Wayne Disposal, Inc. Site 2 Landfill 4935D N I 74 Service Drive Belleville MI 48111 800 592 5459		U.S. EPA ID Number MI1D048090633			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol
1	UN3432 polychlorinated biphenyls Solid 9 PGII	1 DT		22,500 Kg	PCBI
2					
3					
4					
14. Special Handling Instructions and Additional Information 509412BWDI / TSCA SOIL / storage start date: 11-3-09 unique container id 12					
15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of the consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's Official's Printed/Typed Name Mark Wilson As Agent for City of Elgin		Signature Mark Wilson		Month 11	Day 3
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:		Year 09	
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Kenneth Jensen		Signature Kenneth Jensen		Month 11	Day 3
Transporter 2 Printed/Typed Name		Signature		Year 09	
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number					
Facility's Phone:					
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Regulatory Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. 1132 2. 3. 4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as provided in item 18a Printed/Typed Name: Mark Wilson Signature: Mark Wilson Month Day Year 11 3 09					

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as PCB SOLID
 and specified on Manifest # 001843730JJK, Line Item 1 has been landfilled on
11/4, 2009 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

EQIS - PMG
TRANSPORTATION & SITE SERVICES
2701 NORTH I-94 SERVICE DRIVE
YPSILANTI, MI 48198

Receipt ID: 1179430
EQ Account #: 99999
Manifest / BOL: 001893731JJK
Transporter: BEELMAN2
Date: 11/04/2009
Time In: 3:33 PM
Time Out: 4:06 PM

Line	Description Generator	Qty.	Unit
1 - A	J094128WDI - TSCA Soil	17.370	TONS
	Hazardous Surcharge Ton	17.370	TONS
	ILR000048637 CITY OF ELGIN		
	Gross: 63,840	Tare: 29,100	Net: 34,740

NO SALVAGING ON PREMISES

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

9164 (13)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ILR000048 637		2. Page 1 of 1		3. Emergency Response Phone 630 327 9891		4. Manifest Tracking Number 001893731 JJK		
5. Generator's Name and Mailing Address City of Elgin Wilbur Lake 150 Decker Ct Elgin, IL 60120		Generator's Site Address (if different than mailing address) 20 Jefferson Rd Elgin								
Generator's Phone: 847 231 5659		6. Transporter 1 Company Name Beelman				U.S. EPA ID Number ILR000 135 236				
7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Designated Facility Name and Site Address Wayne DeRose Inc. Site 2 Landfill 44350 N. 194 Service Drive Belleville MI 48111						U.S. EPA ID Number MI D048090033				
Facility's Phone: 800 592 5459										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	1. UN3152 Polychlorinated biphenyls SOLID 9 DG11				1	DT	22,500 Kg	R01	
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information 5694128WD1 / TSCA SOIL storage stat date: 11-4-09 unique container id: 13										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Officer's Printed/Typed Name Mark Wilson As Agent for City of Elgin										
Signature Mark Wilson										
Month Day Year 11 4 09										
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
TRANSPORTER	Transporter 1 Printed/Typed Name J. J. PRATT				Signature J. J. Pratt				Month Day Year 11 4 09	
	Transporter 2 Printed/Typed Name				Signature				Month Day Year	
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	Manifest Reference Number: _____									
	18b. Alternate Facility (or Generator) U.S. EPA ID Number									
	Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator) Month Day Year										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. H132 2. 3. 4.										
20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a										
Signature [Signature] Month Day Year 11 11 09										

CERTIFICATE OF DISPOSAL

FOR MANIFESTED PCB WASTE

This certificate is to verify the wastes identified as pcb solid
and specified on Manifest # 001843731 JJK, Line Item 1 has been landfilled on
11/4, 2009 in accordance with all local, state and federal regulations by:

Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

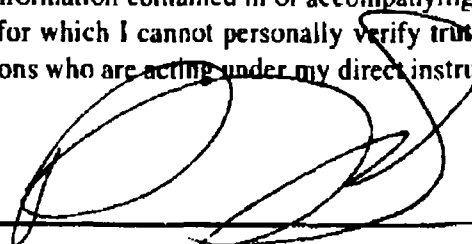
49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: _____



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

Form # REC-FM-014-BEL

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

12/12/08

001893731 JJK

ATTACHMENT F

BACKFILL CERTIFICATION AND GEOTECHNICAL INFORMATION

Quality Aggregates of Illinois, LLC

PO Box 558, Cherry Valley, IL 61016 - 815-332-5001 - Fax 815-332-5335

October 27, 2009

Gene Kus
RA Seaton
2355 Newburg Rd
Belvidere, IL 61008

fax - 815-547-7766

Re: QC, Elgin, IL

Dear Gene,

This letter is written to certify that material that RA Seaton hauls from our quarry located at 2758 Wheeler Rd, Cherry Valley, IL is 100% virgin dolomitic limestone containing no chemical additives.

Our Illinois Department of Transportation producer number is 50072-04 and the CA-6 that you haul is IDOT approved.

If you have any questions or require additional information, please do not hesitate to call.

Very Truly Yours,


Daniel H. Fischer
Managing Member

10/21/2009 WED 19:05 FAX 815 484 4303 ARC DESIGN

1002/003

Report for Illinois Department of Transportation

MISTIC ID

AGGREGATE GRADATION REPORT

Report By:
Company: Quality Aggregates of Illinois, LLC

Inspector No.: 920000000	Name: M. J. Manning	Date Sampled: 10/20/09	Seq No: SPLIT
Mix Plant No.:	Name:	Contract No:	Job No.:
Responsible Loc: 82	Lab: IL	Lab Name: QC Solutions	Source Name: Quality Aggregates of IL

SOURCE	MATL CODE	TYPE INSP	ORIGINAL ID	SPEC	ART	SAMPLED FROM	WASH DRY
540072-04	052CA06	PRO		Spec P.	1004.01	SP	W

SIEVE IN MM	3	2.5	2	1.75	1.5	1	3/4	5/8	1/2	3/8	#4	#8	#16	#30	#40	#60	#100	#200
	75	83	50	45	37.5	25	19	15.9	12.5	9.5	4.75	2.36	1.18	.8	.425	.3	.15	.075
PASS %					100	100	97	89	78	68	47	34	27	22	21	19	14	9

WASH 200	RESULT	REMARK
8.5	APPR	Reduction Cone Load-out

SIEVE English	SIEVE Metric	Indiv. Wt Retained	Accum Weights	Accum Passing	Pct Passing	Spec Min	Spec Max	Out Flag	Rounded Passing
3	75								
2.5	63								
2	50								
1.75	45								
1.5	37.5	0			100.0		100	IN	100
1	25	0			100.0	90	100	IN	100
3/4	19	198.8	198.8	3.5	99.5				97
5/8	15.9	457.85	856.5	11.4	98.9				99
1/2	12.5	688.4	1245.9	21.7	78.3	60	90	IN	78
3/8	9.5	868.4	1814.3	31.6	68.4				68
1/4	6.3	814.8	2629.2	45.9	64.1				64
#4	4.75	413.0	3042.2	55.1	48.9	30	58	IN	47
#8	2.36	757.2	3799.4	66.3	33.7				34
#10	2								
#16	1.18	412.2	4211.6	73.5	28.6	10	40	IN	27
#30	0.8	241.3	4462.9	77.7	22.3				22
#40	0.425	100.2	4653.1	78.4	20.8				21
#60	0.3	113.3	4668.4	81.4	18.6				19
#80	0.18								
#100	0.15	288.5	4855.9	86.4	13.6				14
#200	0.075	280.0	5215.9	91.0	9.0	4	12	IN	9

Pan
Tot Dry Wt.
Tot Wash Wt.
Diff (-.075)

253
5733.3
5243.3
490

Wash % 8.66

Verify Check OK

Report Date: October 21, 2009
/FO R DTY03504
MIS 04QC Excel Ver 2.0

(This is a Field/Laboratory Report for MISTIC Input)

Orig. Wet Weight: 8025.3 Moisture %: 5.0931

(#200 / #40) 0.4369

% Washed -200: 8.546581

(Mix Plant Only)

Lot:

Bin:

Technician:

Tested By:

Agency:

Copies to:

M. J. Manning

Signature:

Karl Jacobson

Signature:

QC Solutions

Quality Aggregates

IDOT

File (06004)